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Metropolitan Housing Characteristics

PROVO-OREM, UTAH

STANDARD METROPOLITAN STATISTICAL AREA



Census of Housing

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

PROVO-OREM, UTAH

HC80-2-294

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
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Under Secretary for
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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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7	Colorado	47	Vermont	83	Bangor, Maine	120	Chico, Calif.
8	Connecticut	48	Virginia	84	Baton Rouge, La.	121	Cincinnati, Ohio-Ky.-Ind.
9	Delaware	49	Washington	85	Battle Creek, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	123	Cleveland, Ohio
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	124	Colorado Springs, Colo.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	125	Columbia, Mo.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	126	Columbia, S.C.
14	Idaho	54	Not assigned	90	Billings, Mont.	127	Columbus, Ga.-Ala.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	128	Columbus, Ohio
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	129	Corpus Christi, Tex.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	130	Cumberland, Md.-W. Va.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	131	Dallas-Fort Worth, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	132	Danbury, Conn.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	133	Danville, Va.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	134	Davenport-Rock Island-Moline, Iowa-Ill.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	135	Dayton, Ohio
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	136	Daytona Beach, Fla.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	137	Decatur, Ill.
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.	138	Denver-Boulder, Colo.
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150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
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157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Meibourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
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162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
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164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
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168	Galveston-Texas City, Tex.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
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170	Glens Falls, N.Y.	210	Lancaster, Pa.	248	Montgomery, Ala.		
		211	Lansing-East Lansing, Mich.	249	Muncie, Ind.	286	Pittsburgh, Pa.
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177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	292	Poughkeepsie, N.Y.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.			294	Provo-Orem, Utah
180	Harrisburg, Pa.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
		221	Lincoln, Nebr.			296	Racine, Wis.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.	260	New York, N.Y.-N.J.	298	Reading, Pa.
183	Honolulu, Hawaii			261	Newark, N.J.	299	Redding, Calif.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio	300	Reno, Nev.
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.

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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
309	Sacramento, Calif.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	370	Wheeling, W. Va.-Ohio
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314	Salem, Oreg.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
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320	San Diego, Calif.	340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	378	York, Pa.
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			379	Youngstown-Warren, Ohio
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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

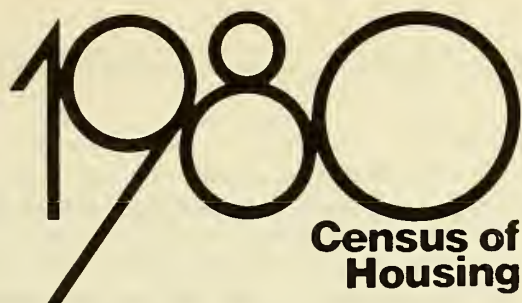
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

PROVO-OREM, UTAH

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-294

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear IX

List of Tables—shows the table numbers and titles for each of the 68 tables X

Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear XII

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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black			Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
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Provo	C	25 to 36	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

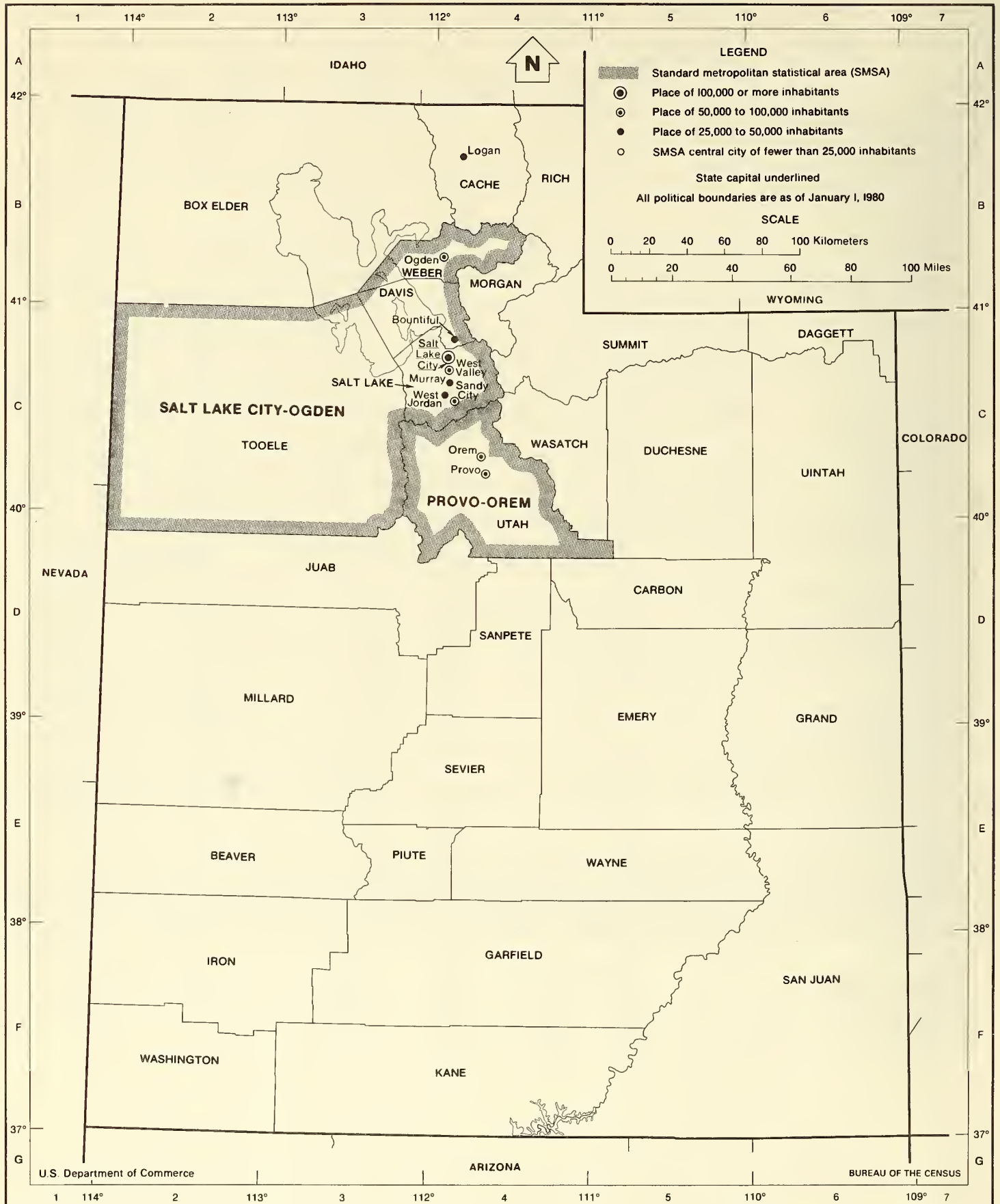
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income.	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income.	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income.	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income.	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are as defined on April 1, 1980

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	31 767	101	469	1 000	2 148	4 835	6 020	9 690	3 832	2 715	957	62 000	68 800
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	26 848	86	211	655	1 476	3 751	5 123	8 541	3 520	2 575	910	63 900	71 500
15 to 24 years	1 134	—	11	20	90	278	361	275	84	15	—	54 400	56 300
25 to 34 years	7 008	18	48	97	266	980	1 712	2 448	834	470	135	62 300	67 800
35 to 44 years	6 330	14	23	52	219	698	886	2 219	1 047	888	284	70 700	79 100
45 to 64 years	8 766	—	44	251	478	1 038	1 543	2 691	1 296	992	433	66 900	76 200
65 years and over	3 610	54	85	235	423	757	621	908	259	210	58	52 900	58 700
Male householder, no wife present	1 048	—	58	75	198	207	126	243	105	30	6	49 000	53 600
15 to 24 years	82	—	—	—	8	16	6	40	12	—	—	62 500	62 700
25 to 34 years	248	—	16	5	40	51	31	61	44	—	—	54 600	56 000
35 to 44 years	104	—	—	9	13	13	28	35	4	—	2	54 000	57 400
45 to 64 years	241	—	18	19	59	41	28	32	32	8	4	45 400	54 100
65 years and over	373	—	24	42	78	86	33	75	13	22	—	43 700	48 700
Female householder, no husband present	3 871	15	200	270	474	877	771	906	207	110	41	51 000	54 100
15 to 24 years	61	—	—	4	7	19	5	6	13	7	—	55 500	64 200
25 to 34 years	309	—	12	10	35	67	81	77	21	6	—	53 100	53 700
35 to 44 years	474	—	—	5	22	85	131	151	38	21	21	59 400	69 100
45 to 64 years	1 149	2	36	52	109	243	251	325	78	38	15	53 800	57 600
65 years and over	1 878	13	152	199	301	463	303	347	57	38	5	45 600	47 900
Median age	45.2	69.6	67.1	64.0	58.5	48.9	42.5	42.5	42.8	44.4	46.0	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 556	—	55	23	151	493	924	1 502	638	493	277	66 100	77 900
1975 to 1978	9 871	7	55	167	384	1 184	1 856	3 343	1 498	1 072	305	66 700	73 800
1970 to 1974	4 751	30	63	164	246	693	800	1 483	644	476	152	64 500	71 500
1960 to 1969	5 255	8	78	130	422	825	928	1 666	617	438	143	62 100	68 300
1959 or earlier	7 334	56	218	516	945	1 640	1 512	1 696	435	236	80	51 300	55 000
ROOMS													
1 to 3 rooms	433	26	77	89	52	97	35	44	11	2	—	32 800	35 700
4 rooms	3 126	29	143	289	640	961	1 541	411	58	34	—	44 300	45 400
5 rooms	6 128	15	176	350	651	1 470	1 544	1 512	295	98	17	51 900	53 500
6 rooms	5 584	15	27	154	398	1 097	1 354	1 935	350	185	69	57 600	61 000
7 rooms	4 902	8	36	71	231	567	1 030	1 904	679	316	60	64 300	68 000
8 or more rooms	11 594	8	10	47	156	643	1 516	3 884	2 439	2 080	811	77 500	88 500
Median	6.6	4.3	4.6	4.8	5.1	5.4	6.2	7.0	8.2	8.5+	8.5+	...	...
BEDROOMS													
None	7	—	—	2	—	5	—	—	—	—	—	41 500	37 900
1	573	3	76	111	137	134	51	36	21	4	—	37 000	38 600
2	6 164	58	218	469	1 030	1 673	1 213	1 131	207	129	36	47 800	50 400
3	12 729	38	153	347	785	2 040	2 869	4 295	1 327	675	200	60 400	64 300
4	7 823	—	22	59	161	804	1 475	2 917	1 197	948	240	68 600	76 200
5 or more	4 471	2	—	12	35	179	412	1 311	1 080	959	481	84 600	97 900
YEAR STRUCTURE BUILT													
1975 to March 1980	8 742	—	34	34	60	409	1 487	3 264	1 645	1 307	502	73 400	84 100
1970 to 1974	4 287	18	63	48	119	384	696	1 543	731	502	183	70 000	77 800
1960 to 1969	4 406	13	38	36	164	494	711	1 715	635	454	146	67 500	74 500
1950 to 1959	5 145	12	56	128	448	1 030	1 234	1 480	453	252	52	56 300	61 200
1940 to 1949	4 141	9	74	264	614	1 254	881	820	147	71	7	49 000	51 500
1939 or earlier	5 046	49	204	490	743	1 264	1 011	868	221	129	67	48 000	51 500
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 175	20	117	209	295	497	352	434	114	94	43	48 800	54 100
\$5,000 to \$9,999	3 014	29	162	216	393	764	542	597	172	93	46	49 400	54 100
\$10,000 to \$12,499	2 101	6	39	87	267	534	461	513	82	85	27	52 100	57 100
\$12,500 to \$14,999	2 215	15	39	67	214	458	530	618	223	47	4	55 800	57 800
\$15,000 to \$19,999	5 265	24	30	115	312	892	1 316	1 874	448	227	27	59 400	62 000
\$20,000 to \$24,999	5 254	4	19	137	263	688	1 136	1 746	751	411	99	63 100	68 400
\$25,000 to \$34,999	6 975	1	63	113	308	600	1 129	2 530	1 150	901	180	69 600	75 300
\$35,000 to \$49,999	3 367	—	—	43	87	331	1 058	—	634	525	235	75 300	85 200
\$50,000 or more	1 401	2	—	13	9	71	100	320	258	332	296	94 000	113 000
Median	\$20 966	\$10 625	\$8 114	\$12 155	\$13 890	\$15 916	\$19 187	\$21 910	\$25 863	\$28 642	\$36 760	...	...
Mean	\$22 944	\$12 251	\$11 057	\$14 757	\$15 908	\$17 704	\$20 581	\$23 591	\$28 045	\$32 213	\$42 312	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	21 225	19	79	351	919	2 754	4 131	7 241	2 968	2 027	736	65 100	73 000
Less than 15 percent	5 415	3	13	147	269	757	984	1 822	783	489	148	64 500	71 500
15 to 19 percent	3 842	7	21	53	152	463	733	1 308	579	387	139	67 300	74 400
20 to 24 percent	3 327	—	6	69	149	402	721	1 154	440	327	59	64 300	70 600
25 to 29 percent	2 458	—	7	17	111	321	538	865	285	232	82	64 000	72 900
30 to 34 percent	1 703	—	—	13	52	241	344	626	214	184	29	64 300	71 400
35 percent or more	4 395	9	32	47	186	570	797	1 447	660	393	254	65 600	75 400
Not computed	85	—	—	5	—	—	14	19	7	15	25	86 400	111 600
Median	22.0	19.6	24.6	17.5	21.3	22.0	22.4	22.1	21.3	22.0	25.6	...	...
Not mortgaged	10 542	82	390	649	1 229	2 081	1 889	2 449	864	688	221	53 200	60 300
Less than 10 percent	5 748	40	122	228	579	1 025	1 134	1 370	611	489	150	56 300	65 100
10 to 14 percent	1 953	21	70	143	279	391	297	508	101	94	49	52 000	58 200
15 to 19 percent	934	5	60	90	99	224	193	161	59	40	3	49 500	52 500
20 to 24 percent	570	—	50	54	97	137	64	114	21	29	4	46 500	51 700
25 to 29 percent	351	—	37	33	54	87	46	73	16	5	—	44 600	46 800
30 to 34 percent	312	5	24	40	43	84	11	70	31	—	4	45 700	50 700
35 percent or more	598	9	21	56	76	112	137	132	19	31	5	51 400	53 700
Not computed	76	2	6	5	2	21	7	21	6	—	6	55 800	68 500
Median	10—	10.0	15.0	13.3	10.6	10.1	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	31 760	101	467	1 000	2 148	4 835	6 020	9 687	3 830	2 715	957	62 000	68 800
1.01 or more persons per room	1 754	—	15	68	81	388	409	526	129	84	54	57 400	64 200
Lacking complete plumbing for exclusive use	7	—	2	—	—	—	—	3	2	—	—	77 500	62 100
1.01 or more persons per room	2	—	—	—	—	—	—	—	—	—	—	16 300	16 300
Heating equipment	31 767	101	469	1 000	2 148	4 835	6 020	9 690	3 832	2 715	957	62 000	68 800
Central heating system	30 100	96	333	794	1 926	4 489	5 755	9 371	3 741	2 667	928	62 700	69 700
Air conditioning	14 638	30	126	246	697	1 814	2 618	4 677	2 064	1 638	728	66 400	76 000
Central system	8 291	9	68	84	253	623	1 101	2 662	1 522	1 329	640	74 800	86 100
Income in 1979 below poverty level	2 041	20	89	149	209	387	351	462	183	121	70	54 000	61 400
Percent below poverty level	6.4	19.8	19.0	14.9									

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	20 025	1 781	2 048	4 412	5 364	1 953	1 233	880	1 217	408	729	212
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	11 040	123	1 045	3 113	3 458	1 206	670	439	374	187	425	214
15 to 24 years	4 780	86	590	1 656	1 697	363	177	38	17	—	156	199
25 to 34 years	4 709	27	396	1 311	1 433	617	290	210	184	91	150	219
35 to 44 years	738	3	44	65	97	128	96	114	114	53	24	310
45 to 64 years	541	7	—	34	132	78	82	77	46	43	42	299
65 years and over	272	—	15	47	99	20	25	—	13	—	53	220
Male householder, no wife present	3 309	620	479	417	600	291	202	212	314	76	98	207
15 to 24 years	1 697	389	221	164	207	138	102	155	243	55	23	212
25 to 34 years	1 005	167	132	128	233	110	86	45	60	21	23	217
35 to 44 years	220	23	36	34	75	19	14	8	11	—	—	211
45 to 64 years	216	7	52	52	71	24	—	—	—	—	10	195
65 years and over	171	34	38	39	14	—	4	—	—	—	42	141
Female householder, no husband present	5 676	1 038	524	882	1 306	456	361	229	529	145	206	210
15 to 24 years	2 676	800	204	251	456	137	169	136	395	108	20	208
25 to 34 years	1 493	87	134	332	432	170	106	57	114	32	29	222
35 to 44 years	433	7	31	77	135	80	62	20	15	—	6	236
45 to 64 years	446	26	43	69	166	51	24	16	5	—	46	214
65 years and over	628	118	112	153	117	18	—	—	—	5	105	168
Median age	25.8	23.0	25.1	25.5	26.0	27.6	28.0	27.9	24.6	27.8	31.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	14 181	1 282	1 395	3 185	3 802	1 366	932	698	947	334	240	214
1975 to 1978	4 734	451	431	1 031	1 366	520	276	160	247	67	185	212
1970 to 1974	580	30	98	146	123	55	20	5	16	7	80	192
1960 to 1969	265	10	79	15	31	6	—	11	7	—	106	141
1959 or earlier	265	8	45	35	42	6	5	6	—	—	118	168
ROOMS												
1 room	259	55	87	77	15	—	10	—	—	10	5	145
2 rooms	996	119	270	302	190	49	6	12	—	—	48	159
3 rooms	3 607	354	881	1 597	519	28	66	40	15	—	107	162
4 rooms	8 563	632	496	1 804	3 595	1 069	337	169	212	47	202	217
5 rooms	3 892	487	210	398	767	468	445	302	508	132	175	250
6 rooms	1 354	87	63	167	183	223	166	144	186	79	56	283
7 or more rooms	1 354	47	41	67	95	116	203	213	296	140	136	359
Median	4.1	4.1	3.3	3.6	4.0	4.3	4.9	5.2	5.3	5.7	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	20 025	1 781	2 048	4 412	5 364	1 953	1 233	880	1 217	408	729	212
Complete plumbing for exclusive use	19 650	1 692	1 986	4 358	5 275	1 933	1 192	863	1 217	408	726	213
0.50 or less	6 233	348	652	1 448	2 086	596	303	135	176	89	400	210
0.51 to 1.00	10 490	699	1 102	2 536	2 765	1 140	715	538	527	185	283	213
1.01 to 1.50	2 490	555	168	263	348	184	144	161	495	134	38	235
1.51 or more	437	90	64	111	76	13	30	29	19	—	5	169
Lacking complete plumbing for exclusive use	375	89	62	54	89	20	41	17	—	—	3	171
0.50 or less	142	23	15	26	49	14	15	—	—	—	—	206
0.51 to 1.00	206	54	47	28	34	6	20	17	—	—	—	162
1.01 to 1.50	21	12	—	—	6	—	—	—	—	—	3	73
1.51 or more	6	—	—	—	—	—	6	—	—	—	—	325
Income in 1979 below poverty level	6 050	1 043	640	1 217	1 242	423	382	249	547	118	189	201
Complete plumbing for exclusive use	5 924	1 002	633	1 205	1 219	423	348	240	547	118	189	201
1.01 or more persons per room	1 538	407	93	202	197	42	98	88	336	72	3	215
Lacking complete plumbing for exclusive use	126	41	7	12	23	—	34	9	—	—	—	204
1.01 or more persons per room	18	12	—	—	—	—	6	—	—	—	—	73
BEDROOMS												
None	359	68	113	111	29	3	10	—	—	10	15	148
1	4 173	345	1 166	1 762	593	73	20	32	4	—	178	161
2	10 386	578	520	2 314	4 363	1 371	512	198	211	27	292	218
3	4 025	757	170	183	317	451	594	483	714	225	131	306
4	836	24	71	36	47	48	88	153	203	93	73	372
5 or more	246	9	8	6	15	7	9	14	85	53	40	441
UNITS IN STRUCTURE												
1, detached or attached	4 895	158	345	787	921	631	531	371	434	235	482	250
2	3 533	233	515	700	891	507	267	207	69	30	114	214
3 and 4	4 012	209	352	841	1 843	463	126	96	49	14	19	217
5 to 9	1 735	149	220	610	493	64	76	53	59	4	7	187
10 to 49	4 172	720	426	1 031	954	243	177	116	365	75	65	192
50 or more	1 299	288	115	285	186	36	51	26	241	50	21	184
Mobile home or trailer, etc.	379	24	75	158	76	9	5	11	—	—	21	163
YEAR STRUCTURE BUILT												
1975 to March 1980	4 604	372	162	609	1 707	566	305	261	337	234	51	234
1970 to 1974	3 829	311	152	764	1 427	473	147	134	279	56	86	223
1960 to 1969	3 883	361	372	991	879	253	332	182	383	68	62	208
1950 to 1959	2 784	317	354	782	430	267	172	188	76	42	156	192
1940 to 1949	2 144	192	461	586	377	179	116	39	65	8	121	179
1939 or earlier	2 781	228	547	680	544	215	161	76	77	—	253	180
STORIES IN STRUCTURE												
1 to 3	19 854	1 741	2 024	4 392	5 292	1 950	1 233	880	1 211	402	729	212
4 or more	171	40	24	20	72	3	—	—	6	—	—	201
With elevator	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	3 995	1 351	710	609	783	273	95	73	70	31	...	145
15 to 19 percent	2 869	128	351	792	826	324	146	146	114	42	...	208
20 to 24 percent	2 837	81	203	753	912	363	206	124	143	52	...	220
25 to 29 percent	2 171	78	186	581	624	258	134	95	178	37	...	220
30 to 34 percent	1 607	42	149	390	439	159	140	74	190	24	...	226
35 to 49 percent	2 606	44	206	631	696	214	228	198	266	123	...	227
50 percent or more	3 029	54	217	634	1 022	334	260	164	254	90	...	227
Not computed	911	3	26	22	62	28	24	6	2	9	729	235
Median	24.7	10—	19.3	25.4	26.0	25.0	30.8	29.9	32.7	36.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment	20 007	1 773	2 048	4 412	5 358	1 953	1 233	880	1 217	408	725	212
Central heating system	18 526	1 703	1 720	3 919	5 016	1 886	1 183	863	1 209	395	632	215
Air conditioning	8 637	999	522	1 404	2 548	902	501	438	775	299	249	226
Central system	5 097	711	279	625	1 331	543	301	283	568	258	198	233

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	38 126	2 742	4 172	2 817	2 716	6 162	6 073	7 931	3 866	1 647	20 335	22 483	2 605
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	31 593	908	2 464	2 138	2 265	5 349	5 597	7 621	3 671	1 580	22 146	24 566	1 367
15 to 24 years	1 688	61	271	243	244	406	269	171	18	5	15 285	16 071	82
25 to 34 years	7 961	231	358	631	711	2 077	1 797	1 619	400	137	19 923	20 985	425
35 to 44 years	7 051	177	166	178	343	1 142	1 682	2 157	852	354	24 480	26 619	374
45 to 64 years	10 278	191	360	381	344	1 074	1 420	3 275	2 241	992	28 661	31 263	268
65 years and over	4 615	248	1 309	705	623	650	429	399	160	92	12 683	15 796	218
Male householder, no wife present	1 512	210	346	136	124	266	173	123	103	31	13 790	16 439	169
15 to 24 years	148	17	30	13	38	6	33	5	6	—	13 421	14 951	38
25 to 34 years	375	20	51	44	20	94	65	38	27	16	18 379	20 719	15
35 to 44 years	175	6	28	5	23	36	36	16	18	7	18 618	21 463	6
45 to 64 years	329	17	53	22	34	83	18	58	36	8	18 082	19 769	34
65 years and over	485	150	184	52	9	47	21	6	16	—	7 336	9 513	76
Female householder, no husband present	5 021	1 624	1 362	543	327	547	303	187	92	36	8 202	11 198	1 069
15 to 24 years	93	23	24	12	8	6	20	—	—	—	9 688	10 585	41
25 to 34 years	444	93	94	80	56	38	24	28	24	7	11 094	13 189	114
35 to 44 years	602	88	117	58	58	174	48	50	9	—	14 138	13 893	130
45 to 64 years	1 502	243	360	260	136	214	161	65	34	29	11 423	15 799	198
65 years and over	2 380	1 177	767	133	69	115	50	44	25	—	5 075	7 264	586
Median age	45.8	67.9	66.6	52.1	41.3	37.7	39.1	44.4	48.9	49.6	...	...	48.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	5 743	317	528	605	616	1 170	984	927	415	181	18 294	21 377	448
1975 to 1978	12 028	547	854	794	939	2 461	2 217	2 667	1 059	490	20 846	22 893	751
1970 to 1974	5 827	293	552	322	338	946	1 092	1 378	653	253	21 973	23 637	334
1960 to 1969	6 033	361	519	280	291	761	907	1 563	950	401	24 437	26 228	348
1959 or earlier	8 495	1 224	1 719	816	532	824	873	1 396	789	322	14 796	19 197	724
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	38 076	2 730	4 146	2 817	2 714	6 158	6 071	7 927	3 866	1 647	20 349	22 499	2 593
1.01 or more persons per room	2 056	65	110	118	167	488	437	410	198	63	21 031	23 170	226
Lacking complete plumbing for exclusive use	50	12	26	—	2	4	—	4	—	—	6 477	9 769	12
1.01 or more persons per room	11	9	—	—	—	—	—	—	—	—	4 028	5 342	9
Heating equipment	38 126	2 742	4 172	2 817	2 716	6 162	6 073	7 931	3 866	1 647	20 335	22 483	2 605
Central heating system	35 994	2 407	3 759	2 613	2 533	5 805	5 809	7 710	3 770	1 588	20 679	22 847	2 314
Air conditioning	18 506	1 122	1 934	1 295	1 213	2 675	2 904	4 171	2 094	1 098	21 535	24 164	1 203
Central system	10 886	593	992	702	677	1 462	1 600	2 553	1 434	873	22 936	26 314	644
Vehicles available	37 075	2 095	3 850	2 805	2 690	6 131	6 060	7 931	3 866	1 647	20 716	22 969	2 248
1	8 037	1 237	2 000	1 068	839	1 439	685	570	111	88	11 829	14 061	982
2 or more	29 038	858	1 850	1 737	1 851	4 692	5 375	7 361	3 755	1 559	23 090	25 435	1 266
House heating fuel	38 126	2 742	4 172	2 817	2 716	6 162	6 073	7 931	3 866	1 647	20 335	22 483	2 605
Utility gas	34 589	2 463	3 823	2 555	2 499	5 581	5 403	7 200	3 564	1 501	20 314	22 531	2 332
Bottled, tank, or LP gas	266	58	76	21	10	30	31	24	14	2	9 922	13 791	40
Electricity	2 064	93	136	150	97	315	436	534	192	111	22 410	24 611	112
Fuel oil, kerosene, etc.	374	74	56	43	30	56	52	54	9	—	13 667	14 625	57
Other	833	54	81	48	80	180	151	119	87	33	18 560	21 500	64
Median rooms	6.4	5.0	5.1	5.5	5.8	6.2	6.7	7.3	7.7	8.5+	...	...	5.4
Specified owner-occupied housing units	31 767	2 175	3 014	2 101	2 215	5 265	5 254	6 975	3 367	1 401	20 966	22 944	2 041
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	21 225	702	955	1 175	1 445	4 001	4 136	5 282	2 529	1 000	22 514	24 854	1 097
Less than \$200	1 381	111	158	146	92	191	251	263	144	25	19 507	20 638	114
\$200 to \$249	2 102	45	116	161	95	387	366	587	281	64	22 958	24 589	86
\$250 to \$299	2 445	71	82	136	213	523	491	564	293	72	21 397	23 650	85
\$300 to \$349	2 505	101	114	188	167	577	475	571	238	74	20 898	22 682	140
\$350 to \$399	2 594	75	94	164	217	574	445	649	265	111	21 821	24 044	129
\$400 to \$499	4 307	104	183	157	318	849	963	1 125	462	146	22 441	24 127	182
\$500 to \$599	2 696	110	84	99	218	493	631	679	278	104	22 230	24 267	171
\$600 to \$749	1 699	44	53	78	114	245	302	443	265	155	24 311	29 666	81
\$750 or more	1 496	41	71	46	11	162	212	401	303	249	27 253	33 813	109
Median	\$392	\$365	\$354	\$338	\$386	\$378	\$404	\$401	\$410	\$508	...	...	\$398
Not mortgaged	10 542	1 473	2 059	926	770	1 264	1 118	1 693	838	401	15 162	19 099	944
Less than \$50	141	53	37	9	5	—	12	25	—	—	6 509	10 788	47
\$50 to \$74	1 025	314	379	86	59	88	44	35	20	—	7 341	9 738	148
\$75 to \$99	2 878	479	712	392	256	348	221	317	108	45	11 582	14 741	285
\$100 to \$124	2 959	397	553	226	189	389	356	542	194	113	16 250	19 081	277
\$125 to \$149	1 913	148	265	125	167	280	248	379	229	72	19 358	22 129	108
\$150 to \$199	1 140	51	95	80	72	121	197	252	193	79	23 945	26 422	52
\$200 to \$249	367	21	6	8	22	20	38	111	81	60	31 487	36 794	21
\$250 or more	119	10	12	—	—	18	2	32	13	32	31 133	41 986	6
Median	\$110	\$94	\$97	\$98	\$109	\$113	\$120	\$122	\$136	\$140	...	...	\$99
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	21 225	702	955	1 175	1 445	4 001	4 136	5 282	2 529	1 000	22 514	24 854	1 097
Less than 15 percent	5 415	—	7	42	22	267	791	1 939	1 575	772	32 712	36 697	—
15 to 19 percent	3 842	—	3	63	131	618	897	1 475	509	146	25 907	27 721	3
20 to 24 percent	3 327	—	37	150	152	857	869	1 010	218	34	22 671	23 478	15
25 to 29 percent	2 458	—	68	108	259	764	751	367	104	37	20 164	21 259	19
30 to 34 percent	1 703	7	76	196	189	548	388	233	60	6	18 265	19 064	36
35 percent or more	4 395	610	764	616	692	947	440	258	63	5	13 250	13 554	939
Not computed	85	85	—	—	—	—	—	—	—	—	2500—	—1 114	85
Median	22.0	50+	50+	36.0	34.2	26.7	22.2	17.4	12.9	10—	...	...	50+
Not mortgaged	10 542	1 473	2 059	926	770	1 264	1 118	1 693	838	401	15 162	19 099	944
Less than 10 percent	5 748	—	131	323	394	986	1 031	1 651	831	401	25 042	28 254	—
10 to 14 percent	1 953	21	751	483	313	251	85	42	7	—	11 058	11 961	24
15 to 19 percent	934	134	625	96	56	21	2	—	—	—	7 827	8 022	21
20 to 24 percent	570	153	380	24	7	6	—	—	—	—	6 115	6 185	88
25 to 29 percent	351	254	97	—	—	—	—	—	—	—	4 199	4 449	126
30 to 34 percent	312	270	42	—	—	—	—	—	—	—	3 895	4 065	116
35 percent or more	598	565	33	—	—	—	—	—	—	—	3 116	2 922	493
Not computed	76	76	—	—	—	—	—	—	—	—	2500—	—222	76
Median	10—	32.5	16.2	11.4	10—	10—	10—	10—	10—	10—	...	...	37.7

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA

Renter-occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	11 337	1 244	3 921	1 805	1 299	1 505	810	542	143	68	10 697	12 337	2 101
15 to 24 years	4 830	611	1 999	843	519	576	184	75	5	18	9 540	10 472	820
25 to 34 years	4 787	501	1 600	786	573	688	377	211	41	10	10 930	12 138	1 069
35 to 44 years	810	42	109	95	128	156	105	144	24	7	16 192	17 697	119
45 to 64 years	625	41	66	46	63	52	139	112	73	33	21 612	22 749	53
65 years and over	285	49	147	35	16	33	5	—	—	—	8 592	9 217	40
Male householder, no wife present	3 320	502	596	349	339	568	458	290	203	15	14 071	15 621	1 101
15 to 24 years	1 704	237	335	170	184	313	193	166	102	4	13 995	15 472	808
25 to 34 years	1 009	87	166	112	106	178	177	109	63	11	15 798	17 284	161
35 to 44 years	220	34	20	33	29	39	40	9	16	—	14 483	16 404	41
45 to 64 years	216	43	28	34	16	34	40	6	15	—	12 969	15 024	33
65 years and over	171	101	47	—	4	4	8	—	7	—	4 544	7 049	58
Female householder, no husband present	5 732	1 621	1 508	756	551	746	258	249	38	5	9 070	10 287	2 882
15 to 24 years	2 682	514	652	396	356	480	138	137	9	—	11 105	11 614	1 747
25 to 34 years	1 501	428	457	211	85	156	73	57	29	5	7 845	10 181	588
35 to 44 years	443	137	83	63	76	50	23	11	—	—	10 060	10 065	164
45 to 64 years	451	121	140	75	27	46	20	22	—	—	8 750	9 700	115
65 years and over	655	421	176	11	7	14	4	22	—	—	4 188	5 645	268
Median age	25.9	27.1	25.1	25.3	25.3	25.3	28.3	28.1	29.5	33.0	...	...	24.4

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	14 393	2 331	4 386	2 035	1 524	2 025	1 106	658	252	76	10 589	12 167	4 503
1975 to 1978	4 795	719	1 318	761	593	629	335	318	110	12	11 184	12 819	1 305
1970 to 1974	615	106	154	93	36	85	61	63	17	—	11 277	13 490	107
1960 to 1969	305	93	98	13	23	50	6	17	5	—	8 149	10 107	90
1959 or earlier	281	118	69	8	13	30	18	25	—	—	6 103	9 725	79

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	20 014	3 269	5 928	2 885	2 159	2 753	1 488	1 068	376	88	10 702	12 315	5 958
0.50 or less	6 413	1 464	1 959	789	625	827	357	246	103	43	9 437	11 222	1 338
0.51 to 1.00	10 622	1 591	3 174	1 728	1 176	1 337	877	511	191	37	10 790	12 286	3 076
1.01 to 1.50	2 540	176	638	307	301	531	235	270	74	8	13 738	15 085	1 352
1.51 or more	439	38	157	61	57	58	19	41	8	—	11 004	12 956	192
Lacking complete plumbing for exclusive use	375	98	97	25	30	66	38	13	8	—	9 219	11 274	126
0.50 or less	142	57	21	14	7	27	8	—	8	—	7 813	11 035	45
0.51 to 1.00	206	35	69	11	23	31	24	13	—	—	9 844	11 461	63
1.01 to 1.50	21	—	7	—	—	8	6	—	—	—	16 094	14 276	12
1.51 or more	6	6	—	—	—	—	—	—	—	—	2500—	—	6

SELECTED CHARACTERISTICS

Heating equipment	20 371	3 355	6 025	2 904	2 189	2 819	1 526	1 081	384	88	10 693	12 302	6 080
Central heating system	18 862	2 958	5 540	2 705	2 049	2 673	1 417	1 056	379	85	10 862	12 494	5 649
Air conditioning	8 707	1 193	2 356	1 278	1 025	1 368	612	572	238	65	11 574	13 335	2 730
Central system	5 150	634	1 355	811	559	755	405	408	181	42	11 806	14 039	1 692
Vehicles available	18 816	2 467	5 615	2 814	2 115	2 767	1 505	1 067	384	82	11 178	12 811	5 101
1	9 717	1 882	3 861	1 637	920	880	325	151	38	23	8 788	9 681	2 769
2 or more	9 099	585	1 754	1 177	1 195	1 887	1 180	916	346	59	14 662	16 153	2 332
House heating fuel	20 371	3 355	6 025	2 904	2 189	2 819	1 526	1 081	384	88	10 693	12 302	6 080
Utility gas	16 929	2 785	4 939	2 551	1 782	2 265	1 287	917	337	66	10 726	12 311	4 643
Bottled, tank, or LP gas	280	81	78	37	14	26	31	6	7	—	8 716	10 638	104
Electricity	2 791	420	857	293	361	474	180	147	40	19	11 011	12 570	1 203
Fuel oil, kerosene, etc.	129	16	58	7	8	17	16	4	—	3	9 340	12 426	19
Other	242	53	93	16	24	37	12	7	—	—	9 107	10 406	111
Median rooms	4.1	3.8	3.9	4.1	4.2	4.4	4.5	4.9	5.1	4.8	...	...	4.1

Specified renter-occupied housing units

CONTRACT RENT	20 025	3 339	5 943	2 854	2 143	2 778	1 458	1 050	375	85	10 640	12 239	6 050
Less than \$100	2 559	513	629	308	277	386	193	205	48	—	11 116	12 560	1 330
\$100 to \$149	3 563	846	1 424	572	269	252	104	73	23	—	8 101	9 138	1 050
\$150 to \$199	7 248	1 335	2 445	1 055	839	869	432	187	68	18	9 689	10 912	1 712
\$200 to \$249	2 374	272	575	388	327	389	239	130	42	12	12 191	13 440	471
\$250 to \$299	1 140	80	270	190	92	246	132	97	29	4	13 315	14 598	319
\$300 to \$349	851	47	148	98	104	162	117	111	44	20	15 570	17 811	259
\$350 to \$399	501	6	121	73	33	113	79	59	17	—	15 481	16 439	205
\$400 to \$499	838	9	79	65	142	222	115	105	79	22	17 500	21 011	425
\$500 or more	222	23	25	16	6	54	18	51	20	9	18 796	20 733	90
No cash rent	729	208	227	89	54	85	29	32	5	—	8 481	9 815	189
Median	\$172	\$156	\$163	\$173	\$178	\$187	\$198	\$211	\$255	\$321	...	...	\$166

GROSS RENT

GROSS RENT	1 781	360	408	197	218	291	137	128	42	—	11 555	12 816	1 043
Less than \$100	2 048	499	761	278	161	157	93	93	6	—	8 196	9 675	640
\$100 to \$149	4 412	907	1 914	647	351	395	112	59	21	6	8 338	9 319	1 217
\$150 to \$199	5 364	932	1 562	857	742	636	375	177	66	17	10 548	11 559	1 242
\$200 to \$249	1 953	223	378	329	209	408	228	141	30	7	13 056	14 102	423
\$250 to \$299	1 233	117	301	196	130	224	136	87	32	10	12 548	14 267	382
\$300 to \$349	880	33	180	128	80	157	144	105	43	10	15 409	17 142	249
\$350 to \$399	1 217	34	176	106	172	325	163	147	90	4	16 448	18 436	547
\$400 to \$499	408	26	36	27	26	100	41	81	40	31	19 276	23 345	118
\$500 or more	729	208	227	89	54	85	29	32	5	—	8 481	9 815	189
No cash rent	729	208	227	89	54	85	29	32	5	—	8 481	9 815	189
Median	\$212	\$186	\$192	\$214	\$219	\$239	\$250	\$270	\$331	\$363	...	...	\$201

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979	3 995	19	348	368	460	936	802	671	306	85	19 381	21 193	829
Less than 15 percent	2 869	71	329	536	616	726	316	214	61	—	14 523	15 767	251
15 to 19 percent	2 837	49	770	726	542	448	193	106	3	—	12 064	13 057	210
20 to 24 percent	2 171	78	1 042	549	156	238	98	10	—	—	9 859	10 642	320
25 to 29 percent	1 607	92	972	212	95	206	20	10	—	—	8 684	9 462	386
30 to 34 percent	2 606	501	1 448	301	210	139	—	7	—	—	6 975	7 933	1 086
35 to 49 percent	3 029	2 139	807	73	10	—	—	—	—	—	3 831	3 990	2 597
50 percent or more	911	390	227	89	54	85	29	32	5	—	6 475	7 770	371
Not computed	24.7	50+	31.9	23.3	19.7	17.8	14.2	12.5	10.1	10—	...	...	46.6

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	21 225	1 381	2 102	2 445	2 505	2 594	4 307	2 696	1 699	1 496	392
PERSONS IN UNIT											
1 person -----	754	125	90	132	79	96	131	53	29	19	319
2 persons -----	2 796	364	414	330	316	276	459	339	167	131	346
3 persons -----	2 932	242	216	315	393	367	493	352	191	163	391
4 persons -----	4 349	245	530	467	463	506	971	551	366	250	396
5 persons -----	4 022	165	396	491	553	631	777	469	321	219	382
6 persons -----	2 973	107	244	401	351	325	574	475	277	219	410
7 persons -----	1 710	102	94	174	165	182	366	210	188	229	436
8 or more persons -----	1 689	31	118	135	185	211	336	247	160	266	446
Median -----	4.45	3.33	4.12	4.45	4.50	4.58	4.40	4.61	4.80	5.34	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	19 329	1 115	1 843	2 145	2 327	2 382	3 965	2 516	1 611	1 425	397
15 to 24 years -----	1 048	17	46	85	146	163	336	140	91	24	415
25 to 34 years -----	6 746	100	336	594	934	872	1 702	1 072	692	444	431
35 to 44 years -----	5 826	290	551	700	631	748	1 090	781	498	537	400
45 to 64 years -----	5 168	563	796	713	568	574	776	463	318	397	345
65 years and over -----	541	145	117	53	48	25	61	60	12	23	261
Male householder, no wife present -----	527	74	57	48	66	60	108	51	34	29	365
15 to 24 years -----	82	2	4	6	10	17	17	13	6	7	456
25 to 34 years -----	220	13	20	16	25	14	68	26	23	15	429
35 to 44 years -----	78	6	8	11	4	19	23	5	2	2	376
45 to 64 years -----	106	28	25	15	27	10	6	6	5	5	250
65 years and over -----	41	25	—	—	—	—	—	—	—	—	155
Female householder, no husband present -----	1 369	192	202	252	112	152	234	129	54	42	317
15 to 24 years -----	46	—	11	5	4	—	11	6	2	7	464
25 to 34 years -----	271	26	27	30	18	54	59	37	15	5	382
35 to 44 years -----	381	28	54	44	37	46	84	47	26	15	380
45 to 64 years -----	537	88	93	133	53	46	80	18	11	15	283
65 years and over -----	134	50	17	40	—	6	—	21	—	—	250
Median age -----	38.0	49.9	44.9	41.0	36.4	36.8	34.8	35.5	35.3	38.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	4 188	54	91	143	220	332	977	917	745	709	530
1975 to 1978 -----	8 857	116	283	683	1 227	1 500	2 368	1 359	723	598	424
1970 to 1974 -----	3 739	250	623	762	608	383	656	227	131	99	319
1960 to 1969 -----	3 326	598	856	748	313	296	216	151	74	74	264
1959 or earlier -----	1 115	363	249	109	137	83	90	42	26	16	239
ROOMS											
1 to 3 rooms -----	189	18	49	6	31	21	46	11	—	7	335
4 rooms -----	1 314	176	212	174	188	154	295	86	21	8	325
5 rooms -----	3 639	343	293	514	500	411	745	467	290	76	371
6 rooms -----	3 503	307	337	439	493	416	769	393	233	116	371
7 rooms -----	3 346	185	344	482	341	472	687	421	250	164	384
8 or more rooms -----	9 234	352	867	830	952	1 120	1 765	1 318	905	1 125	428
Median -----	7.1	6.0	7.0	6.7	6.6	7.1	6.9	7.4	7.8	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	8 073	70	84	321	675	995	2 135	1 572	1 153	1 068	489
1970 to 1974 -----	3 605	57	328	585	553	447	831	396	236	172	381
1960 to 1969 -----	3 209	227	599	638	364	396	460	256	154	115	319
1950 to 1959 -----	2 855	463	504	384	351	377	384	244	71	77	311
1940 to 1949 -----	1 795	334	288	268	288	210	249	105	38	15	301
1939 or earlier -----	1 688	230	299	249	274	169	248	123	47	49	312
VALUE											
Less than \$10,000 -----	19	17	—	2	—	—	—	—	—	—	178
\$10,000 to \$19,999 -----	79	29	12	3	11	14	10	—	—	—	244
\$20,000 to \$29,999 -----	351	81	66	86	35	37	38	8	—	—	267
\$30,000 to \$39,999 -----	919	237	166	123	174	74	92	43	10	—	273
\$40,000 to \$49,999 -----	2 754	325	452	503	500	365	439	139	31	—	310
\$50,000 to \$59,999 -----	4 131	311	506	575	582	609	982	404	150	12	358
\$60,000 to \$79,999 -----	7 241	295	722	805	755	831	1 662	1 214	683	274	413
\$80,000 to \$99,999 -----	2 968	70	112	251	302	432	629	484	408	280	449
\$100,000 to \$149,999 -----	2 027	16	61	82	143	197	382	350	298	498	538
\$150,000 or more -----	736	—	5	15	3	35	73	54	119	432	750+
Median -----	\$65 100	\$50 000	\$56 000	\$58 000	\$59 100	\$64 100	\$65 800	\$70 900	\$79 000	\$114 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	5 415	933	1 376	1 113	709	491	486	131	134	42	268
15 to 19 percent -----	3 842	148	370	584	606	712	823	323	145	131	365
20 to 24 percent -----	3 327	78	136	371	487	458	951	496	246	104	415
25 to 29 percent -----	2 458	44	83	135	293	370	710	434	204	185	441
30 to 34 percent -----	1 703	30	40	95	130	185	460	366	232	165	482
35 percent or more -----	4 395	136	97	147	275	376	868	924	724	848	532
Not computed -----	85	12	—	—	5	2	9	22	14	21	566
Median -----	22.0	11.2	12.4	15.9	19.5	21.0	24.4	29.5	32.4	38.0	...
SELECTED CHARACTERISTICS											
Heating equipment -----	21 225	1 381	2 102	2 445	2 505	2 594	4 307	2 696	1 699	1 496	392
Steam or hot water system -----	483	20	29	49	64	66	52	84	58	61	440
Control warm-air furnace or electric heat pump -----	18 925	1 213	1 923	2 183	2 218	2 293	3 873	2 410	1 557	1 256	392
Other built-in electric units -----	776	23	14	79	86	99	207	86	54	128	449
Floor, wall, or pipeless furnace -----	298	57	53	44	42	26	30	32	6	8	294
Other means -----	743	69	83	90	95	110	145	84	24	43	366
Air conditioning -----	10 063	564	1 031	1 202	1 101	1 214	1 969	1 217	847	918	397
Central system -----	5 932	233	502	668	546	701	1 126	714	667	775	427
1 or more individual room units -----	4 131	331	529	534	555	513	843	503	180	143	361
House heating fuel -----	21 225	1 381	2 102	2 445	2 505	2 594	4 307	2 696	1 699	1 496	392
Utility gas -----	19 431	1 311	2 010	2 277	2 322	2 381	3 909	2 449	1 541	1 231	388
Bottled, tank, or LP gas -----	73	20	—	14	—	—	19	11	—	9	408
Electricity -----	1 261	23	38	84	121	141	288	207	134	225	480
Fuel oil, kerosene, etc. -----	70	2	13	—	6	9	14	11	9	6	436
Other -----	390	25	41	70	56	63	77	18	15	25	352

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	10 542	141	1 025	2 878	2 959	1 913	1 140	367	119	110
PERSONS IN UNIT										
1 person	2 368	98	582	769	581	247	73	9	9	91
2 persons	4 786	36	354	1 433	1 478	882	454	117	32	110
3 persons	1 430	—	47	364	500	269	148	94	8	115
4 persons	810	—	17	156	226	191	156	17	47	126
5 persons	480	7	13	65	47	119	153	61	15	148
6 persons	322	—	5	26	58	113	72	40	8	141
7 persons	239	—	—	50	36	62	62	29	—	139
8 or more persons	107	—	7	15	33	30	22	—	—	124
Median	2.11	1.22	1.38	1.97	2.11	2.30	2.79	3.11	3.72	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	7 519	37	377	1 948	2 161	1 561	985	349	101	116
15 to 24 years	86	7	—	49	16	2	12	—	—	93
25 to 34 years	262	—	10	85	62	47	34	18	6	115
35 to 44 years	504	2	13	88	96	143	110	37	15	134
45 to 64 years	3 598	11	91	661	1 127	849	590	209	60	123
65 years and over	3 069	17	263	1 065	860	520	239	85	20	106
Male householder, no wife present	521	36	166	141	99	72	3	4	—	85
15 to 24 years	—	—	—	—	—	—	—	—	—	—
25 to 34 years	28	10	16	—	2	—	—	—	—	56
35 to 44 years	26	—	—	19	7	—	—	—	—	92
45 to 64 years	135	12	39	18	45	18	3	—	—	98
65 years and over	332	14	111	104	52	47	—	4	—	85
Female householder, no husband present	2 502	68	482	789	699	280	152	14	18	97
15 to 24 years	15	—	—	8	—	—	7	—	—	98
25 to 34 years	38	—	11	25	—	—	—	2	—	83
35 to 44 years	93	—	—	11	33	27	16	—	6	127
45 to 64 years	612	6	48	174	189	107	73	12	3	110
65 years and over	1 744	62	423	571	477	146	56	—	9	92
Median age	64.6	69.5	72.4	67.9	64.2	61.0	57.5	56.0	54.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	368	—	42	77	106	52	62	15	14	115
1975 to 1978	1 014	44	31	227	270	187	144	85	26	119
1970 to 1974	1 012	15	67	241	251	203	168	57	10	118
1960 to 1969	1 929	10	104	413	540	432	292	118	20	120
1959 or earlier	6 219	72	781	1 920	1 792	1 039	474	92	49	105
ROOMS										
1 to 3 rooms	244	32	65	81	41	17	6	2	—	83
4 rooms	1 812	69	370	723	399	157	83	—	11	91
5 rooms	2 489	26	349	799	784	354	168	4	5	102
6 rooms	2 081	8	158	693	600	366	194	50	12	108
7 rooms	1 556	—	71	274	494	462	131	94	30	122
8 or more rooms	2 360	6	12	308	641	557	558	217	61	135
Median	5.8	4.1	4.7	5.3	5.9	6.6	7.4	8.1	7.8	...
YEAR STRUCTURE BUILT										
1975 to March 1980	669	14	12	122	145	133	135	85	23	133
1970 to 1974	682	15	38	100	162	146	155	50	16	129
1960 to 1969	1 197	15	19	153	344	352	219	85	10	130
1950 to 1959	2 290	6	106	432	737	543	355	64	47	120
1940 to 1949	2 346	24	258	916	696	288	117	47	—	99
1939 or earlier	3 358	67	592	1 155	875	451	159	36	23	97
VALUE										
Less than \$10,000	82	—	16	44	17	5	—	—	—	89
\$10,000 to \$19,999	390	48	132	101	82	22	5	—	—	79
\$20,000 to \$29,999	649	22	159	228	146	66	28	—	—	91
\$30,000 to \$39,999	1 229	30	244	509	314	64	51	6	11	92
\$40,000 to \$49,999	2 081	22	238	832	574	259	110	39	7	98
\$50,000 to \$59,999	1 889	6	116	615	638	381	112	16	5	108
\$60,000 to \$79,999	2 449	13	99	436	830	662	348	43	18	120
\$80,000 to \$99,999	864	—	8	68	217	273	241	45	12	138
\$100,000 to \$149,999	688	—	13	36	108	158	193	146	34	158
\$150,000 or more	221	—	—	9	33	23	52	72	32	194
Median	\$53 200	\$30 200	\$38 100	\$46 800	\$54 300	\$64 500	\$76 900	\$108 900	\$125 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	5 748	78	436	1 523	1 662	1 095	674	233	47	113
10 to 14 percent	1 953	31	209	599	444	373	199	68	30	108
15 to 19 percent	934	—	179	186	294	132	105	24	14	109
20 to 24 percent	570	—	96	165	133	104	51	15	6	105
25 to 29 percent	351	9	68	140	70	45	19	—	—	93
30 to 34 percent	312	5	15	119	111	36	20	6	—	104
35 percent or more	598	12	22	124	220	119	66	19	16	116
Not computed	76	6	—	22	25	9	6	2	6	110
Median	10—	10—	11.8	10—	10—	10—	10—	10—	11.6	...
SELECTED CHARACTERISTICS										
Heating equipment	10 542	141	1 025	2 878	2 959	1 913	1 140	367	119	110
Steam or hot water system	350	—	13	53	96	108	55	20	5	128
Central warm-air furnace or electric heat pump	8 568	81	681	2 273	2 510	1 637	976	308	102	112
Other built-in electric units	228	2	42	42	72	42	47	21	—	124
Floor, wall, or pipeless furnace	472	20	145	183	59	21	20	18	6	85
Other means	924	38	184	327	222	105	42	—	6	93
Air conditioning	4 575	37	278	1 054	1 328	946	583	243	86	117
Central system	2 359	30	64	405	642	593	362	177	86	127
1 or more individual room units	2 216	27	214	649	686	353	221	66	—	108
House heating fuel	10 542	141	1 025	2 878	2 959	1 913	1 140	367	119	110
Utility gas	9 707	109	962	2 671	2 739	1 811	989	318	108	110
Bottled, tank, or LP gas	67	—	10	27	12	—	16	2	—	97
Electricity	314	9	2	50	92	54	75	21	11	127
Fuel oil, kerosene, etc.	221	2	16	51	59	34	33	26	—	118
Other	233	21	35	79	57	14	27	—	—	94

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	38 126	10 389	6 052	5 280	10 401	6 004	20 389	4 644	3 866	3 924	5 057	2 898
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	31 593	9 499	5 205	4 451	8 355	4 083	11 337	2 681	2 050	2 011	2 953	1 642
15 to 24 years	1 688	716	304	194	315	159	4 830	1 164	863	815	1 330	658
25 to 34 years	7 961	4 525	1 258	497	1 139	542	4 787	1 174	904	859	1 211	639
35 to 44 years	7 051	2 431	1 802	1 076	1 231	511	810	180	121	136	202	171
45 to 64 years	10 278	1 469	1 370	2 124	3 872	1 443	625	146	103	130	141	105
65 years and over	4 615	358	471	560	1 798	1 428	285	17	59	71	69	69
Male householder, no wife present	1 512	260	192	208	425	427	3 320	678	668	774	701	499
15 to 24 years	148	40	39	19	38	12	1 704	346	376	486	362	134
25 to 34 years	375	140	46	58	72	59	1 009	240	175	257	189	148
35 to 44 years	175	35	39	13	56	32	220	44	45	18	51	62
45 to 64 years	329	27	27	45	125	105	216	48	29	9	52	78
65 years and over	485	18	41	73	134	219	171	—	43	4	47	77
Female householder, no husband present	5 021	630	655	621	1 621	1 494	5 732	1 285	1 148	1 139	1 403	757
15 to 24 years	93	26	16	16	31	4	2 682	650	580	644	668	140
25 to 34 years	444	137	112	47	102	46	1 501	391	311	268	298	233
35 to 44 years	602	147	135	86	183	51	443	103	79	80	70	111
45 to 64 years	1 502	230	230	273	542	227	451	75	63	72	149	92
65 years and over	2 380	90	162	199	763	1 166	655	66	115	75	218	181
Median age	45.8	34.2	40.6	48.7	55.2	63.3	25.9	25.6	25.6	25.1	25.7	28.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	5 743	3 716	666	373	669	319	14 393	3 660	2 759	2 881	3 442	1 651
1975 to 1978	12 028	6 673	1 915	1 052	1 667	721	4 795	984	991	906	1 149	765
1970 to 1974	5 827	—	3 471	761	1 053	542	615	—	116	57	261	181
1960 to 1969	6 033	—	—	3 094	1 911	1 028	305	—	—	80	84	141
1959 or earlier	8 495	—	—	—	5 101	3 394	281	—	—	—	121	160
ROOMS												
1 room	31	7	12	2	10	—	259	22	27	41	113	56
2 rooms	80	28	8	17	21	6	996	116	235	192	244	209
3 rooms	700	105	91	67	180	257	3 622	427	529	675	1 178	813
4 rooms	4 559	807	782	378	1 478	1 114	8 644	2 239	1 915	1 873	1 867	750
5 rooms	7 701	2 051	981	900	2 297	1 472	3 960	1 135	715	688	901	521
6 rooms	6 526	1 745	847	662	2 026	1 246	1 431	420	180	163	337	331
7 or more rooms	18 529	5 646	3 331	3 254	4 389	1 909	1 477	285	265	292	417	218
Median	6.4	6.8	6.9	7.2	6.1	5.6	4.1	4.3	4.1	4.1	4.0	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	38 076	10 378	6 052	5 277	10 383	5 986	20 014	4 567	3 798	3 887	4 965	2 797
0.50 or less	20 534	4 059	2 619	2 876	6 745	4 235	6 413	1 479	1 283	1 054	1 570	1 027
0.51 to 1.00	15 486	5 610	3 017	2 192	3 211	1 456	10 622	2 364	1 955	2 086	2 714	1 503
1.01 to 1.50	1 796	614	357	187	398	240	2 540	656	495	625	553	211
1.51 or more	260	95	59	22	29	55	439	68	65	122	128	56
Lacking complete plumbing for exclusive use	50	11	—	3	18	18	375	77	68	37	92	101
0.50 or less	12	2	—	3	—	7	142	37	21	13	34	37
0.51 to 1.00	27	9	—	—	18	—	206	28	47	24	51	56
1.01 to 1.50	—	—	—	—	—	—	21	6	—	—	7	8
1.51 or more	11	—	—	—	—	11	6	6	—	—	—	—
PERSONS IN UNIT												
1 person	4 195	428	451	444	1 337	1 535	2 579	368	503	307	756	645
2 persons	9 662	1 533	1 113	1 337	3 479	2 200	5 368	1 235	1 000	1 012	1 340	781
3 persons	5 422	1 419	748	800	1 828	627	4 845	1 146	955	878	1 293	573
4 persons	5 969	2 112	1 003	745	1 586	523	3 501	808	651	868	736	438
5 persons	5 074	2 064	945	685	1 003	377	1 719	435	308	365	390	221
6 or more persons	7 804	2 833	1 792	1 269	1 168	742	2 377	652	449	494	542	240
Median	3.46	4.36	4.21	3.58	2.71	2.17	2.96	3.13	2.95	3.23	2.83	2.54
Total persons	144 862	46 770	27 046	21 050	33 241	16 755	65 143	15 752	12 216	13 484	15 388	8 303
UNITS IN STRUCTURE												
1, detached or attached	34 517	9 420	4 888	4 766	9 843	5 600	5 259	708	455	693	1 954	1 449
2	1 010	153	127	135	310	285	3 533	631	585	599	1 162	556
3 and 4	422	145	79	52	83	63	4 012	1 436	903	615	639	419
5 to 9	253	112	71	15	23	32	1 735	489	345	352	306	243
10 to 49	185	89	28	12	40	16	4 172	985	981	1 165	861	180
50 or more	36	20	5	—	3	8	1 299	369	393	399	105	33
Mobile home or trailer, etc.	1 703	450	854	300	99	—	379	26	204	101	30	18
SELECTED CHARACTERISTICS												
Heating equipment	38 126	10 389	6 052	5 280	10 401	6 004	20 371	4 644	3 866	3 918	5 057	2 886
Steam or hot water system	1 125	138	144	161	432	250	1 003	61	117	118	368	339
Central warm-air furnace or electric heat pump	32 659	9 256	5 299	4 759	8 999	4 346	15 819	3 919	3 199	3 439	3 608	1 654
Other built-in electric units	1 293	625	368	170	59	71	1 256	491	383	168	134	80
Floor, wall, or pipeless furnace	917	28	63	28	343	455	784	32	48	47	442	215
Other means	2 132	342	178	162	568	882	1 509	141	119	146	505	598
Air conditioning	18 506	5 227	3 737	2 931	4 763	1 848	8 707	2 792	2 378	1 712	1 320	505
Central system	10 886	3 777	2 579	1 914	2 104	512	5 150	1 716	1 488	1 067	725	154
1 or more individual room units	7 620	1 450	1 158	1 017	2 659	1 336	3 557	1 076	890	645	595	351
House heating fuel	38 126	10 389	6 052	5 280	10 401	6 004	20 371	4 644	3 866	3 918	5 057	2 886
Utility gas	34 589	9 022	5 464	4 924	9 816	5 363	16 929	3 620	3 112	3 296	4 286	2 615
Bottled, tank, or LP gas	266	54	71	23	55	63	280	43	68	38	100	31
Electricity	2 064	1 184	450	215	104	111	2 791	976	665	547	471	132
Fuel oil, kerosene, etc.	374	—	12	36	138	188	129	—	5	17	70	37
Other	833	129	55	82	288	279	242	5	16	20	130	71
Income in 1979 below poverty level	2 605	522	441	305	685	652	6 084	1 317	1 143	1 370	1 434	820
Percent below poverty level	6.8	5.0	7.3	5.8	6.6	10.9	29.8	28.4	29.6	34.9	28.4	28.3
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 742	342	329	243	851	977	3 367	593	598	621	898	657
\$5,000 to \$9,999	4 172	583	569	542	1 247	1 231	6 025	1 290	1 115	1 099	1 695	826
\$10,000 to \$12,499	2 817	659	454	324	873	507	2 910	676	578	563	714	379
\$12,500 to \$14,999	2 716	787	414	291	770	454	2 189	488	454	450	529	268
\$15,000 to \$19,999	6 162	2 086	931	698	1 673	774	2 819	731	583	508	608	389
\$20,000 to \$24,999	6 073	2 031	1 154	792	1 446	650	1 526	425	230	313	316	242
\$25,000 to \$34,999	7 931	2 417	1 288	1 321	2 012	893	1 081	306	223	255	185	112
\$35,000 to \$49,999	3 866	1 006	619	715	1 152	374	384	78	80	105	96	25
\$50,000 or more	1 647	478	294	354	377	144	88	57	5	10	16	—
Median	\$20 335	\$21 469	\$21 267	\$23 512	\$19 308	\$14 080	\$10 689	\$11 624	\$10 952	\$11 075	\$9 799	\$9 814
Mean	\$22 483	\$24 031	\$23 732	\$25 296	\$21 875	\$17 123	\$12 296	\$13 453	\$12 333	\$12 832	\$11 460	\$11 122

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

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	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	38 126	34 517	1 906	1 703	20 389	5 259	3 533	4 012	1 735	4 172	1 299	379
Condominium housing units	721	349	372	—	180	54	—	40	44	36	6	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	31 593	29 155	1 234	1 204	11 337	3 521	2 110	2 498	901	1 740	323	244
15 to 24 years	1 688	1 206	128	354	4 830	1 007	915	1 254	471	939	162	82
25 to 34 years	7 961	7 400	255	306	4 787	1 469	907	1 068	373	695	141	134
35 to 44 years	7 051	6 859	101	91	810	533	111	63	16	54	12	21
45 to 64 years	10 278	9 674	355	249	625	374	114	72	21	38	—	6
65 years and over	4 615	4 016	395	204	285	138	63	41	20	14	8	1
Male householder, no wife present	1 512	1 197	159	156	3 320	530	507	259	966	452	80	80
15 to 24 years	148	93	13	42	1 704	216	235	170	106	611	328	38
25 to 34 years	375	291	57	27	1 009	177	212	224	60	239	71	26
35 to 44 years	175	131	15	29	220	44	23	53	29	48	17	6
45 to 64 years	329	271	25	33	216	58	28	33	43	29	22	3
65 years and over	485	411	49	25	171	35	28	27	21	39	14	7
Female householder, no husband present	5 021	4 165	513	343	5 732	1 007	897	1 007	575	1 466	524	55
15 to 24 years	93	65	8	20	2 682	362	282	430	274	1 013	315	6
25 to 34 years	444	335	72	37	1 501	308	315	351	149	258	103	17
35 to 44 years	602	509	57	36	443	145	135	68	31	41	6	17
45 to 64 years	1 502	1 252	153	97	451	151	55	91	53	73	21	7
65 years and over	2 380	2 004	223	153	655	242	110	67	68	81	79	8
Median age	45.8	45.6	56.9	39.0	25.9	29.1	26.7	25.6	25.2	23.9	23.9	27.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	5 743	4 825	435	483	14 393	3 309	2 354	2 916	1 357	3 270	929	258
1975 to 1978	12 028	10 690	577	761	4 795	1 251	983	983	312	823	338	105
1970 to 1974	5 827	5 274	178	375	615	315	78	64	54	60	32	12
1960 to 1969	6 033	5 721	235	77	305	184	68	25	5	19	—	4
1959 or earlier	8 495	8 007	481	7	281	200	50	24	7	—	—	—
ROOMS												
1 room	31	7	12	12	259	18	20	45	28	108	34	6
2 rooms	80	32	7	41	996	101	112	198	186	225	132	42
3 rooms	700	437	122	141	3 622	514	680	642	426	932	340	88
4 rooms	4 559	3 374	430	755	8 644	1 514	1 540	2 473	739	1 889	341	148
5 rooms	7 701	6 631	553	517	3 960	1 253	693	460	282	828	375	69
6 rooms	6 526	6 060	296	170	1 431	742	282	116	65	149	57	20
7 or more rooms	18 529	17 976	486	67	1 477	1 117	206	78	9	41	20	6
Median	6.4	6.6	5.2	4.4	4.1	4.9	4.1	4.0	3.8	3.9	3.9	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	38 076	34 510	1 876	1 690	20 014	5 249	3 449	3 942	1 686	4 084	1 230	374
0.50 or less	20 534	18 388	1 242	904	6 413	1 994	1 050	1 535	540	910	286	98
0.51 to 1.00	15 486	14 223	548	715	10 622	2 655	2 030	2 015	977	2 193	542	210
1.01 to 1.50	1 796	1 660	74	62	2 540	518	288	325	146	844	372	47
1.51 or more	260	239	12	9	439	82	81	67	23	137	30	19
Lacking complete plumbing for exclusive use	50	7	30	13	375	10	84	70	49	88	69	5
0.50 or less	12	5	4	3	142	7	29	27	19	30	30	—
0.51 to 1.00	27	—	17	10	206	—	49	35	24	54	39	5
1.01 to 1.50	—	—	—	—	21	3	6	8	—	4	—	—
1.51 or more	11	2	9	—	6	—	—	—	6	—	—	—
BEDROOMS												
None	35	11	12	12	359	41	22	74	33	124	50	15
1	917	651	126	140	4 202	661	802	845	558	834	418	84
2	8 518	6 808	788	922	10 509	2 197	1 855	2 820	921	2 100	413	203
3	15 019	13 738	681	600	4 144	1 531	673	233	216	1 059	361	71
4	8 677	8 453	199	25	903	592	149	40	4	55	57	6
5 or more	4 960	4 856	100	4	272	237	32	—	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 742	2 350	189	203	3 367	723	581	798	320	608	228	109
\$5,000 to \$9,999	4 172	3 341	419	412	6 025	1 261	1 029	1 162	691	1 360	401	121
\$10,000 to \$12,499	2 817	2 315	220	282	2 910	716	525	664	208	605	140	52
\$12,500 to \$14,999	2 716	2 396	142	178	2 189	534	429	409	153	538	95	31
\$15,000 to \$19,999	6 162	5 627	254	281	2 819	822	473	501	185	614	206	18
\$20,000 to \$24,999	6 073	5 651	230	192	1 526	625	214	269	110	215	82	11
\$25,000 to \$34,999	7 931	7 550	270	111	1 081	392	189	163	62	144	112	19
\$35,000 to \$49,999	3 866	3 676	150	40	384	145	73	36	6	76	35	13
\$50,000 or more	1 647	1 611	32	4	88	41	20	10	—	12	—	5
Median	\$20 335	\$20 992	\$14 701	\$12 097	\$10 689	\$12 254	\$10 745	\$10 173	\$9 041	\$10 488	\$10 366	\$7 975
Mean	\$22 483	\$23 083	\$17 730	\$15 639	\$12 296	\$14 057	\$12 369	\$11 278	\$10 418	\$11 819	\$12 602	\$10 731
SELECTED CHARACTERISTICS												
Heating equipment	38 126	34 517	1 906	1 703	20 371	5 255	3 533	4 012	1 727	4 166	1 299	379
Steam or hot water system	1 125	1 017	92	16	1 003	121	148	179	239	268	42	6
Central warm-air furnace or electric heat pump	32 659	29 541	1 608	1 510	15 819	4 036	2 781	3 161	1 110	3 376	1 005	350
Other built-in electric units	1 293	1 224	64	5	1 256	138	168	247	218	296	183	6
Floor, wall, or pipeless furnace	917	830	45	42	784	417	125	99	52	83	6	2
Other means	2 132	1 905	97	130	1 509	543	311	326	108	143	63	15
Air conditioning	18 506	16 030	1 116	1 360	8 707	1 427	896	1 746	778	2 592	972	296
Central system	10 886	9 276	745	865	5 150	780	502	763	420	1 819	705	161
Vehicles available	37 075	33 612	1 832	1 631	18 816	4 962	3 367	3 643	1 568	3 750	1 154	372
1	8 037	6 624	689	724	9 717	2 083	1 851	2 088	899	2 046	500	250
2 or more	29 038	26 988	1 143	907	9 099	2 879	1 516	1 555	669	1 704	654	122
House heating fuel	38 126	34 517	1 906	1 703	20 371	5 255	3 533	4 012	1 727	4 166	1 299	379
Utility gas	34 589	31 318	1 756	1 515	16 929	4 701	3 155	3 430	1 353	3 117	835	338
Bottled, tank, or LP gas	266	181	10	75	280	94	25	61	4	45	22	29
Electricity	2 064	1 860	116	88	2 791	297	335	472	339	921	421	6
Fuel oil, kerosene, etc.	374	363	—	11	129	54	7	35	13	20	—	—
Other	833	795	24	14	242	109	11	14	18	63	21	6
Water heating fuel	38 116	34 517	1 906	1 693	20 382	5 252	3 533	4 012	1 735	4 172	1 299	379
Utility gas	33 049	29 947	1 637	1 465	16 615	4 430	3 041	3 373	1 376	3 174	882	339
Bottled, tank, or LP gas	297	226	21	50	408	111	53	64	32	76	47	25
Electricity	4 737	4 311	248	178	3 240	692	432	569	310	867	355	15
Fuel oil, kerosene, etc.	14	14	—	—	44	19	7	6	7	5	—	—
Other	19	19	—	—	75	—	—	—	10	50	15	—
Family householder	33 683	30 921	1 434	1 328	13 737	4 178	2 597	3 042	1 068	2 130	413	309
With own children under 18 years	21 212	19 916	580	716	9 078	3 026	1 854	1 900	610	1 281	182	225
With own children under 6 years	12 947	12 006	389	552	7 769	2 340	1 613	1 707	551	1 176	182	200
Female householder, no husband present	1 800	1 528	174	98	1 965	543	412	439	146	323	48	54
With own children under 18 years	1 104	941	98	65	1 515	414	364	329	136	212	20	20
With own children under 6 years	343	285	31	27	1 013	264	209	262	103	140	20	15
Nonfamily householder	4 443	3 596	472	375	6 652	1 081	936	970	667	2 042	886	70
Income in 1979 below poverty level	2 605	2 260	148	197	6 084	1 110	894	1 054	527	1 795	551	153
Percent below poverty level	6.8	6.5	7.8	11.6	29.8	21.1	25.3	26.3	30.4	43.0	42.4	40.4

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	38 126	4 195	9 662	5 422	5 969	5 074	3 614	2 159	2 031	3.46	144 862
Nonrelatives present	890	—	135	161	162	90	131	63	148	4.42	4 574
ROOMS											
1 to 3 rooms	811	339	245	98	54	37	20	9	9	1.77	1 788
4 rooms	4 559	1 349	1 709	652	494	236	83	24	12	2.04	10 837
5 rooms	7 701	1 172	2 586	1 142	1 299	803	434	169	96	2.58	23 561
6 rooms	6 526	596	1 935	1 047	1 133	928	507	163	217	3.20	22 965
7 rooms	5 537	380	1 375	857	986	801	543	374	221	3.66	21 643
8 or more rooms	12 992	359	1 812	1 626	2 003	2 269	2 027	1 420	1 476	4.81	64 068
Median	6.4	4.8	5.7	6.3	6.5	7.2	7.8	8.4	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	38 076	4 179	9 658	5 412	5 960	5 065	3 612	2 159	2 031	3.46	144 713
1.00 or less	36 020	4 179	9 649	5 403	5 906	4 801	3 077	1 794	1 211	3.27	129 679
1.01 to 1.50	1 796	—	—	4	54	236	517	332	653	6.76	13 028
1.51 or more	260	—	9	5	—	28	18	33	167	8.07	2 006
Lacking complete plumbing for exclusive use	50	16	4	10	9	9	2	—	—	3.00	149
1.00 or less	39	16	4	10	9	—	—	—	—	2.38	106
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	11	—	—	—	—	9	2	—	—	5.11	43
UNITS IN STRUCTURE											
1, detached or attached	34 517	3 396	8 406	4 763	5 504	4 864	3 502	2 115	1 967	3.63	133 816
2 or more	1 906	427	671	337	206	102	83	38	42	2.28	6 016
Mobile home or trailer, etc.	1 703	372	585	322	259	108	29	6	22	2.32	5 030
VALUE											
Specified owner-occupied housing units	31 767	3 122	7 582	4 362	5 159	4 502	3 295	1 949	1 796	3.66	122 292
Less than \$10,000	101	9	60	18	5	7	—	2	—	2.19	219
\$10,000 to \$19,999	469	210	149	49	44	5	2	4	6	1.66	890
\$20,000 to \$29,999	1 000	274	333	140	109	47	45	16	36	2.18	2 827
\$30,000 to \$39,999	2 148	504	743	302	272	198	58	53	18	2.27	5 673
\$40,000 to \$49,999	4 835	715	1 411	616	746	567	464	181	135	2.97	15 625
\$50,000 to \$59,999	6 020	497	1 574	966	1 131	831	504	296	221	3.47	22 084
\$60,000 to \$79,999	9 690	693	2 040	1 319	1 653	1 591	1 125	643	626	3.98	40 022
\$80,000 to \$99,999	3 832	140	619	532	645	718	566	331	281	4.47	17 296
\$100,000 to \$149,999	2 715	63	510	323	436	415	391	307	270	4.56	12 439
\$150,000 or more	957	17	143	97	118	123	140	116	203	5.34	5 217
Median	\$62 000	\$47 600	\$55 500	\$61 000	\$62 300	\$66 500	\$69 700	\$71 400	\$75 300	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	38 126	4 195	9 662	5 422	5 969	5 074	3 614	2 159	2 031	3.46	144 862
Median income	\$20 335	\$6 964	\$16 580	\$21 762	\$22 493	\$23 181	\$23 273	\$24 189	\$25 562	...	...
Median selected monthly owner costs as percentage of household income	17.8	22.7	12.3	16.1	20.4	19.8	19.9	19.2	20.9	...	...
With a mortgage	22.0	27.8	20.6	22.1	23.1	21.4	21.5	21.2	21.7	...	...
Not mortgaged	10—	20.8	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	2 605	849	465	212	305	233	207	105	229	2.48	...
Median income	\$3 661	\$2 903	\$3 230	\$3 401	\$4 488	\$4 291	\$5 793	\$6 908	\$9 515	...	...
Median selected monthly owner costs as percentage of household income	50+	40.1	46.4	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	37.7	39.1	35.4	37.5	27.5	27.5	20.8	20.8	50+	...	...
Renter-occupied housing units	20 389	2 579	5 368	4 845	3 501	1 719	1 864	307	206	2.96	65 143
Nonrelatives present	4 639	—	860	780	1 089	542	1 267	57	44	4.12	19 691
ROOMS											
1 room	259	163	84	—	5	—	7	—	—	1.29	412
2 rooms	996	328	404	183	64	17	—	—	—	1.92	2 009
3 rooms	3 622	907	1 462	776	306	105	55	11	—	2.12	8 238
4 rooms	8 644	846	2 523	2 537	1 702	522	477	29	8	2.88	25 773
5 rooms	3 960	235	524	848	779	603	838	84	49	3.98	15 858
6 rooms	1 431	69	217	226	356	199	271	57	36	4.07	5 945
7 or more rooms	1 477	31	154	275	289	273	216	126	113	4.46	6 908
Median	4.1	3.4	3.8	4.1	4.3	4.9	5.0	6.0	6.7	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	20 014	2 459	5 278	4 767	3 468	1 688	1 847	301	206	2.98	64 273
1.00 or less	17 035	2 459	5 194	4 595	3 093	1 054	470	126	44	2.69	47 968
1.01 to 1.50	2 540	—	—	172	306	512	1 315	141	94	5.71	14 030
1.51 or more	439	—	84	—	69	122	62	34	68	5.05	2 275
Lacking complete plumbing for exclusive use	375	120	90	78	33	17	6	—	—	2.25	870
1.00 or less	348	120	90	67	33	21	17	—	—	2.10	742
1.01 to 1.50	21	—	—	11	—	10	—	—	—	3.45	82
1.51 or more	6	—	—	—	—	—	—	6	—	7.00	46
UNITS IN STRUCTURE											
1, detached or attached	5 259	593	1 212	1 176	890	645	424	189	130	3.20	18 284
2	3 533	374	861	1 081	629	342	152	39	61	2.99	10 863
3 and 4	4 012	539	1 416	1 026	623	222	145	36	5	2.55	11 131
5 to 9	1 735	289	592	405	275	52	98	18	6	2.48	4 874
10 to 49	4 172	502	904	888	845	332	684	13	4	3.27	14 135
50 or more	1 299	247	254	172	192	103	331	—	—	3.36	4 583
Mobile home or trailer, etc.	379	35	129	97	47	29	30	12	—	2.76	1 273
GROSS RENT											
Specified renter-occupied housing units	20 025	2 545	5 292	4 776	3 437	1 687	1 831	276	181	2.96	63 673
Less than \$100	1 781	271	197	249	342	185	522	15	—	4.01	6 985
\$100 to \$149	2 048	458	782	395	272	70	61	10	—	2.22	5 112
\$150 to \$199	4 412	751	1 617	1 256	518	162	82	21	5	2.40	11 324
\$200 to \$249	5 364	625	1 788	1 593	912	288	93	38	27	2.67	14 523
\$250 to \$299	1 953	150	399	569	475	257	98	—	5	3.25	6 297
\$300 to \$349	1 233	43	171	290	384	156	101	54	34	3.79	4 802
\$350 to \$399	880	11	87	137	176	205	180	51	33	4.64	3 726
\$400 to \$499	1 217	8	57	93	226	227	519	51	36	5.49	6 483
\$500 or more	408	10	21	50	46	68	148	36	29	5.56	2 344
No cash rent	729	218	173	144	86	69	27	—	12	2.35	2 077
Median	\$212	\$177	\$199	\$212	\$232	\$269	\$323	\$350	\$370	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	20 389	2 579	5 368	4 845	3 501	1 719	1 864	307	206	2.96	65 143
Median income	\$10 689	\$6 324	\$9 609	\$10 139	\$11 769	\$12 540	\$16 045	\$17 337	\$15 250	...	...
Median gross rent as percentage of household income	24.7	29.7	24.2	24.3	23.4	26.2	21.8	25.9	28.2	...	...
Income in 1979 below poverty level	6 084	765	1 054	1 222	1 148	711	1 013	109	62	3.50	...
Median income	\$5 065	\$2500—	\$3 681	\$4 339	\$6 275	\$7 533	\$13 639	\$8 179	\$8 833	...	...
Median gross rent as percentage of household income	46.6	50+	50+	50+	40.0	37.0	28.2	44.6	50+	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
The SMSA																
Owner-occupied housing units																
PERSONS IN UNIT																
1 person	4 195	5 125	5 996	3 667	3 805	99	294	126	196	419	26	60	52	845	2 078	45.8
2 persons	9 662	1 125	1 184	2 047	2 595	18	29	23	100	42	27	89	83	269	228	48.5
3 persons	5 422	6 35	3 349	2 047	1 883	13	22	11	27	12	13	134	173	231	35	47.6
4 persons	5 969	2 140	1 067	1 067	1 183	11	15	9	6	6	14	126	130	90	19	37.3
5 persons	5 074	1 20	2 078	1 100	1 17	7	15	6	—	—	7	17	97	28	15	36.6
6 or more persons	7 804	2 022	3 871	1 697	1 5	125	15	6	—	—	26	18	67	39	5	39.1
Median	3.46	3.73	4.56	3.22	2.11	1.25	1.14	1.19	1.34	1.08	2.26	1.19	3.04	1.39	1.07	...
Total persons	144 862	5 399	37 244	38 603	10 071	277	570	290	512	594	264	1 379	2 157	2 920	2 883	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	38 076	1 684	7 946	10 376	4 611	148	365	175	329	485	93	435	602	1 499	2 377	45.8
1.01 or more persons per room	2 056	44	652	398	9	—	8	—	—	—	—	5	23	29	5	37.8
Lacking complete plumbing for exclusive use	50	4	15	2	4	—	10	—	—	—	—	9	—	3	3	31.9
1.01 or more persons per room	11	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage	31 767	1 134	7 008	8 766	3 610	82	248	104	241	373	61	309	474	1 149	1 878	45.2
Less than 15 percent	21 225	1 048	6 746	5 168	541	82	220	78	106	41	46	271	381	537	134	38.0
15 to 19 percent	5 415	61	578	2 746	124	13	33	21	50	14	7	27	41	82	13	46.4
20 to 24 percent	3 842	100	1 037	1 005	99	6	38	23	28	16	—	26	37	96	3	39.2
25 to 29 percent	3 327	175	1 451	505	74	4	35	17	5	5	11	26	37	76	11	34.8
30 to 34 percent	2 458	175	1 280	198	69	6	35	13	2	6	—	18	17	40	13	37.9
35 percent or more	1 703	124	1 070	230	10	11	8	7	7	6	—	18	52	51	25	34.3
Median	4 395	4.3	1 639	475	165	42	66	4	14	—	28	157	175	192	64	35.2
Not computed	85	—	21	9	—	—	5	—	—	—	—	16	14	—	5	—
Median	22.0	30.5	26.2	19.8	23.2	40.4	25.2	18.9	15.5	22.0	38.1	40.9	34.2	26.8	34.9	35.2
Not mortgaged	10 542	86	262	3 069	3 069	—	28	26	135	332	15	38	93	612	1 744	59.7
Less than 10 percent	5 748	59	399	2 935	1 454	—	26	13	36	80	—	11	31	112	263	64.6
10 to 14 percent	1 934	7	39	375	939	—	2	7	7	39	—	8	6	5	199	59.7
15 to 19 percent	934	2	13	118	352	—	—	—	12	71	—	—	5	—	257	70.8
20 to 24 percent	570	2	10	48	145	—	—	—	6	45	—	—	6	—	216	72.2
25 to 29 percent	351	2	5	26	80	—	—	—	4	15	—	—	—	28	152	72.6
30 to 34 percent	312	6	—	22	19	—	—	6	11	37	—	—	—	43	197	72.8
35 percent or more	598	6	—	64	64	—	—	—	—	5	—	2	7	69	327	72.8
Median	76	10	10	6	10.4	—	10	10.0	10.2	16.6	19.7	10	10.5	14.7	20.9	69.4
Not computed	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units																
PERSONS IN UNIT																
1 person	2 579	4 830	4 787	810	625	1 704	1 009	220	216	171	2 682	1 501	443	451	655	25.9
2 persons	5 368	2 36	858	76	—	294	348	108	168	159	247	339	73	251	592	37.2
3 persons	4 845	1 83	1 436	106	125	277	230	48	28	12	459	345	105	86	47	24.3
4 persons	3 501	51	1 255	151	124	270	156	20	9	9	425	272	100	79	—	24.8
5 persons	1 719	42	694	170	72	129	182	13	11	—	516	311	79	35	—	26.5
6 or more persons	2 377	2	544	307	94	354	54	25	—	—	308	154	47	—	8	28.0
Median	2.96	2.5	3.58	4.92	2.03	3.54	2.18	1.54	1.14	1.04	3.91	2.74	2.93	1.40	1.05	24.8
Total persons	65 143	12 707	17 887	4 169	2 320	6 012	2 555	481	286	163	10 818	4 249	1 366	765	775	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	20 014	4 767	4 746	805	616	1 674	995	212	195	150	2 607	1 463	435	437	627	25.9
1.01 or more persons per room	3 755	249	742	217	63	558	71	17	8	—	803	184	49	14	6	24.5
Lacking complete plumbing for exclusive use	27	—	6	—	9	30	14	—	—	—	75	38	8	—	28	26.3
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	12	—	—	—	—	31.3
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent	20 025	4 780	4 709	738	541	1 697	1 005	220	216	171	2 676	1 493	433	446	628	25.8
15 to 19 percent	3 995	512	721	120	90	542	412	101	96	15	869	210	43	70	37	25.1
20 to 24 percent	2 869	805	694	159	8	264	264	26	26	27	174	143	69	42	34	25.7
25 to 29 percent	2 837	926	800	109	74	197	100	24	38	3	220	174	59	46	12	24.8
30 to 34 percent	2 171	587	644	94	42	184	59	20	—	—	186	160	53	42	85	26.0
35 to 39 percent	1 607	489	439	71	21	89	19	15	1	14	234	79	32	27	24.9	25.8
40 to 49 percent	2 606	649	712	75	18	141	80	—	—	26	382	219	34	60	127	25.8
50 percent or more	3 029	444	526	77	40	247	81	34	25	40	555	446	125	107	179	26.5
Median	911	178	173	33	66	33	30	—	10	42	56	62	18	52	105	29.6
Not computed	24.7	24.6	25.4	23.4	17.6	20.7	16.7	16.7	16.7	35.4	26.3	31.8	28.4	29.6	39.4	...

Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Owner-occupied housing units

PLUMBING FACILITIES
Complete plumbing for exclusive use 4 179
Lacking complete plumbing for exclusive use 16

UNITS IN STRUCTURE
1, detached or attached 3 396
2 or more 427
Mobile home or trailer, etc. 372

HOUSEHOLD INCOME IN 1979
Less than \$5,000 1 601
\$5,000 to \$9,999 1 242
\$10,000 to \$12,499 380
\$12,500 to \$14,999 219
\$15,000 to \$19,999 365
\$20,000 to \$24,999 208
\$25,000 to \$34,999 104
\$35,000 to \$49,999 63
\$50,000 or more 13
Median \$6 964
Mean \$10 047

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

Specified owner-occupied housing units 3 122
With a mortgage 754
Less than \$200 125
\$200 to \$249 90
\$250 to \$299 132
\$300 to \$349 79
\$350 to \$399 96
\$400 to \$499 131
\$500 to \$599 53
\$600 to \$749 29
\$750 or more 19
Median \$319
Not mortgaged 2 368
Less than \$50 98
\$50 to \$74 582
\$75 to \$99 769
\$100 to \$124 581
\$125 to \$149 247
\$150 to \$199 73
\$200 to \$249 9
\$250 or more 9
Median \$91

SELECTED CHARACTERISTICS
Median selected monthly owner costs as percentage of household income in 1979 22.7
With a mortgage 27.8
Not mortgaged 20.8
Income in 1979 below poverty level 849
Percent below poverty level 20.2

Renter-occupied housing units

PLUMBING FACILITIES
Complete plumbing for exclusive use 2 459
Lacking complete plumbing for exclusive use 120

UNITS IN STRUCTURE
1, detached or attached 593
2 374
3 and 4 539
5 to 9 289
10 to 49 502
50 or more 247
Mobile home or trailer, etc. 35

HOUSEHOLD INCOME IN 1979
Less than \$5,000 1 075
\$5,000 to \$9,999 757
\$10,000 to \$12,499 290
\$12,500 to \$14,999 125
\$15,000 to \$19,999 196
\$20,000 to \$24,999 108
\$25,000 to \$34,999 13
\$35,000 to \$49,999 15
\$50,000 or more 1
Median \$6 324
Mean \$7 793

GROSS RENT

Specified renter-occupied housing units 2 545
Less than \$100 271
\$100 to \$149 458
\$150 to \$199 751
\$200 to \$249 625
\$250 to \$299 150
\$300 to \$349 43
\$350 to \$399 11
\$400 to \$499 8
\$500 or more 10
No cash rent 218
Median \$177

SELECTED CHARACTERISTICS
Median gross rent as percentage of household income in 1979 29.7
Income in 1979 below poverty level 765
Percent below poverty level 29.7

	Male householder						Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
4 195	1 134	99	294	126	196	419	3 061	26	60	52	845	2 078
4 179	1 124	99	284	126	196	419	3 055	26	60	52	842	2 075
16	10	—	10	—	—	—	6	—	—	—	3	3
3 396	884	60	222	82	159	361	2 512	16	30	42	683	1 741
427	123	6	45	15	20	37	304	6	12	5	85	196
372	127	33	27	29	17	21	245	4	18	5	77	141
1 601	206	17	20	6	17	146	1 395	15	5	—	204	1 171
1 242	288	21	44	22	36	165	954	4	14	5	256	675
380	105	2	44	5	16	38	275	7	15	7	152	94
219	103	34	20	23	17	9	116	—	9	6	50	51
365	186	6	81	20	41	38	179	—	17	24	85	53
208	119	14	46	28	18	13	89	—	—	5	69	15
104	72	5	24	10	33	—	32	—	—	5	20	7
63	46	—	6	12	18	10	17	—	—	—	5	12
13	9	—	9	—	—	—	4	—	—	—	4	—
\$6 964	\$11 738	\$13 199	\$17 375	\$17 188	\$17 868	\$6 707	\$5 687	\$4 000	\$11 833	\$17 895	\$9 375	\$4 654
\$10 047	\$13 900	\$13 180	\$17 603	\$17 359	\$18 092	\$8 471	\$8 619	\$5 457	\$11 812	\$16 738	\$14 534	\$5 958
3 122	794	60	200	63	145	326	2 328	12	19	42	625	1 630
754	350	60	172	50	47	21	404	12	13	42	237	100
125	27	2	6	—	8	11	98	—	5	5	47	41
90	40	—	20	8	12	—	50	—	—	—	40	10
132	27	6	14	—	7	—	105	5	4	—	68	28
79	44	5	19	—	20	—	35	—	—	7	28	—
96	60	17	14	19	—	10	36	—	4	10	16	6
131	95	11	61	23	—	—	36	—	—	20	16	—
53	33	13	20	—	—	—	20	—	—	—	5	15
29	18	6	12	—	—	—	11	—	—	—	11	—
19	6	—	6	—	—	—	13	7	—	—	6	—
\$319	\$381	\$425	\$417	\$395	\$275	\$195	\$276	\$750+	\$269	\$395	\$273	\$245
2 368	444	—	28	13	98	305	1 924	—	6	—	388	1 530
98	36	—	10	—	12	14	62	—	—	—	6	56
582	156	—	16	—	39	101	426	—	—	—	37	389
769	123	—	—	6	13	104	646	—	6	—	128	512
581	70	—	2	—	27	41	511	—	—	—	122	389
247	56	—	—	7	4	45	191	—	—	—	61	130
73	3	—	—	—	3	—	70	—	—	—	25	45
9	—	—	—	—	—	—	9	—	—	—	9	—
9	—	—	—	—	—	—	9	—	—	—	—	9
\$91	\$81	—	\$56	\$127	\$74	\$84	\$93	—	\$88	—	\$105	\$91
22.7	19.2	37.0	23.4	19.5	11.4	18.0	23.8	50+	26.3	29.3	22.5	24.1
27.8	23.9	37.0	25.5	19.6	16.6	22.2	32.7	50+	40.0	29.3	28.4	47.9
20.8	13.7	—	10	14.6	10.0	17.3	22.2	—	17.5	—	20.1	23.0
849	115	13	13	6	17	66	734	15	5	—	143	571
20.2	10.1	13.1	4.4	4.8	8.7	15.8	24.0	57.7	8.3	—	16.9	27.5
2 579	1 077	294	348	108	168	159	1 502	247	339	73	251	592
2 459	1 028	294	341	108	147	138	1 431	241	316	73	237	564
120	49	—	7	—	21	21	71	6	23	—	14	28
593	234	72	76	25	38	23	359	37	40	26	49	207
374	156	67	39	—	22	28	218	32	61	—	31	94
539	214	49	101	17	20	27	325	52	124	19	63	67
289	112	24	17	16	34	21	177	24	34	8	43	68
502	255	70	83	34	29	39	247	69	44	14	44	76
247	72	—	26	10	22	14	175	33	36	6	21	79
35	34	12	6	6	3	7	1	—	—	—	—	1
1 075	344	116	68	22	37	101	731	136	73	13	93	416
757	259	78	99	15	28	39	498	84	147	13	92	162
290	134	49	32	26	27	—	156	22	73	15	35	11
125	78	43	28	—	7	—	47	—	31	11	5	—
196	136	8	57	33	34	4	60	5	11	15	26	3
108	98	—	57	12	21	8	10	—	4	6	—	—
13	13	—	7	—	6	—	—	—	—	—	—	—
15	15	—	—	—	8	7	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
\$6 324	\$8 560	\$6 722	\$10 547	\$11 635	\$11 759	\$4 368	\$5 194	\$4 496	\$8 422	\$11 750	\$7 138	\$3 940
\$7 793	\$10 182	\$7 116	\$11 845	\$12 440	\$13 742	\$6 916	\$6 081	\$4 789	\$8 181	\$11 328	\$7 156	\$4 314
2 545	1 070	287	348	108	168	159	1 475	247	339	73	251	565
271	101	17	33	10	7	34	170	21	26	—	23	100
458	245	71	61	29	46	38	213	39	50	13	24	87
751	299	98	83	34	45	39	452	83	148	19	60	142
625	242	71	83	25	49	14	383	81	76	33	76	117
150	75	13	41	10	11	—	75	3	9	8	37	18
43	25	—	25	—	—	—	18	10	8	—	—	—
11	10	—	6	—	—	4	1	—	1	—	—	—
8	—	—	—	—	—	—	8	8	—	—	—	—
10	—	—	—	—	—	—	10	—	10	—	—	—
218	73	17	16	—	10	30	145	2	11	—	31	101
\$177	\$170	\$169	\$187	\$168	\$168	\$141	\$179	\$183	\$176	\$206	\$201	\$173
29.7	24.3	28.6	19.5	18.2	17.2	35.4	34.1	42.4	24.3	22.0	34.6	43.0
765	234	93	34	22	27	58	531	129	43	8	83	268
29.7	21.7	31.6	9.8	20.4	16.1	36.5	35.4	52.2	12.7	11.0	33.1	45.3

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	1 252	505	441	306	Vacant for rent housing units	1 340	862	381	97
ROOMS					ROOMS				
1 to 3 rooms	22	10	12	—	1 room	26	19	7	—
4 rooms	309	149	142	18	2 rooms	50	46	4	—
5 rooms	333	129	73	131	3 rooms	257	157	79	21
6 rooms	254	83	108	63	4 rooms	665	451	190	24
7 rooms	110	40	24	46	5 rooms	196	106	47	43
8 or more rooms	224	94	82	48	6 rooms	84	67	17	—
Median	5.4	5.2	5.4	5.6	7 or more rooms	62	16	37	9
					Median	4.0	4.0	4.0	4.6
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	1 244	501	441	302	Complete plumbing for exclusive use	1 315	851	381	83
Lacking complete plumbing for exclusive use	8	4	—	4	Lacking complete plumbing for exclusive use	25	11	—	14
BEDROOMS					BEDROOMS				
None	4	—	4	—	None	26	19	7	—
1	27	10	6	11	1	249	172	60	17
2	414	193	173	48	2	759	497	234	28
3	513	176	134	203	3	240	147	50	43
4	187	73	87	27	4	63	24	30	9
5 or more	107	53	37	17	5 or more	3	3	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	902	381	334	187	1975 to March 1980	290	201	72	17
1970 to 1974	76	36	5	35	1970 to 1974	218	147	53	18
1960 to 1969	58	6	48	4	1960 to 1969	237	157	61	19
1950 to 1959	95	30	17	48	1950 to 1959	173	98	64	11
1940 to 1949	61	31	12	18	1940 to 1949	237	144	77	16
1939 or earlier	60	21	25	14	1939 or earlier	185	115	54	16
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	970	356	317	297	1, detached or attached	453	283	137	33
2 or more	268	139	120	9	2	233	160	35	38
Mobile home or trailer	14	10	4	—	3 and 4	263	175	82	6
HEATING EQUIPMENT					5 to 9	150	97	43	10
Central heating system	1 233	497	434	302	10 to 49	191	97	84	10
Other means	19	8	7	4	50 or more	41	41	—	—
None	—	—	—	—	Mobile home or trailer	9	9	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	966	356	317	293	Specified vacant for rent housing units	1 331	853	381	97
Less than \$10,000	1	—	1	—	Less than \$100	49	15	9	25
\$10,000 to \$19,999	16	13	1	2	\$100 to \$149	240	163	63	14
\$20,000 to \$29,999	24	5	7	12	\$150 to \$199	530	352	166	12
\$30,000 to \$39,999	38	—	22	16	\$200 to \$249	220	144	69	7
\$40,000 to \$49,999	92	40	25	27	\$250 to \$299	149	67	59	23
\$50,000 to \$59,999	186	67	63	56	\$300 to \$399	121	107	—	14
\$60,000 to \$79,999	293	116	87	90	\$400 or more	22	5	15	2
\$80,000 to \$99,999	150	55	62	33	Median	\$181	\$180	\$184	\$178
\$100,000 or more	166	60	49	57					
Median	\$70 700	\$71 000	\$72 300	\$68 300					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	966	1	40	130	629	166	70 700	1 331	49	770	369	121	22	181	
PLUMBING FACILITIES															
Complete plumbing for exclusive use	958	1	40	130	621	166	70 700	1 306	24	770	369	121	22	183	
Lacking complete plumbing for exclusive use	8	—	—	—	8	—	71 700	25	25	—	—	—	—	81	
BEDROOMS															
None	4	—	—	4	—	—	42 500	26	3	16	7	—	—	151	
1	16	—	8	—	8	—	40 000	249	19	186	44	—	—	158	
2	163	—	20	52	80	11	51 400	759	20	474	195	65	5	181	
3	513	—	12	51	385	65	72 100	238	7	70	97	49	15	252	
4	168	1	—	18	104	45	84 000	56	—	24	24	6	2	207	
5 or more	102	—	—	5	52	45	96 500	3	—	—	2	1	—	294	
YEAR STRUCTURE BUILT															
1975 to March 1980	674	1	1	51	501	120	73 200	283	8	139	83	51	2	199	
1970 to 1974	68	—	—	5	21	42	108 000	218	—	146	69	3	—	185	
1960 to 1969	38	—	—	6	28	4	55 000	237	—	142	47	28	20	186	
1950 to 1959	80	—	17	24	39	—	44 800	173	8	116	49	—	—	150	
1940 to 1949	51	—	17	15	19	—	38 500	237	29	146	55	7	—	155	
1939 or earlier	55	—	5	29	21	—	47 000	183	4	81	66	32	—	206	
UNITS IN STRUCTURE															
1, detached or attached	966	1	40	130	629	166	70 700	444	13	232	134	63	2	184	
2 or more	—	—	—	—	—	—	—	878	33	532	235	58	20	180	
Mobile home or trailer	—	—	—	—	—	—	—	9	3	6	—	—	—	153	

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Orem city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	8 209	20	64	126	326	976	1 528	3 366	1 037	618	148	64 900	69 700
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	7 115	20	47	102	240	770	1 293	2 955	973	582	133	66 400	71 200
15 to 24 years	311	—	8	—	13	40	101	128	13	8	—	59 500	60 900
25 to 34 years	2 182	11	19	15	60	217	443	1 033	245	123	16	64 900	67 400
35 to 44 years	1 890	—	10	—	39	162	256	821	336	220	46	71 600	77 500
45 to 64 years	2 127	—	—	73	93	202	394	764	343	212	46	66 800	72 700
65 years and over	605	9	10	14	35	149	99	209	36	19	25	58 400	64 800
Male householder, no wife present	279	—	10	31	47	40	113	23	15	—	—	61 500	60 300
15 to 24 years	36	—	—	—	—	6	25	5	—	—	—	65 000	68 500
25 to 34 years	94	—	10	—	—	13	17	41	13	—	—	63 900	59 600
35 to 44 years	39	—	—	—	—	7	25	—	—	—	—	63 900	61 100
45 to 64 years	46	—	—	—	9	18	6	5	—	8	—	48 200	62 900
65 years and over	64	—	—	—	22	9	16	—	7	—	—	50 500	54 200
Female householder, no husband present	815	—	7	24	55	159	195	298	41	21	15	57 600	60 200
15 to 24 years	11	—	—	—	—	11	—	—	—	—	—	47 500	47 500
25 to 34 years	70	—	—	—	—	19	18	23	10	—	—	54 400	59 500
35 to 44 years	149	—	—	—	11	13	46	73	6	—	—	61 100	60 100
45 to 64 years	382	—	—	15	25	68	85	140	13	21	15	59 700	64 600
65 years and over	203	—	7	9	19	48	46	62	12	—	—	53 200	53 000
Median age	40.9	34.5	32.5	55.7	51.7	46.1	40.6	38.5	40.9	43.1	47.6	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 549	—	18	—	—	89	343	648	227	172	52	67 100	75 900
1975 to 1978	3 057	6	9	18	70	271	498	1 407	504	235	39	69 200	72 500
1970 to 1974	1 137	14	20	24	44	142	144	487	149	100	13	67 800	69 900
1960 to 1969	1 249	—	6	15	116	202	269	452	116	56	17	60 600	64 600
1959 or earlier	1 217	—	11	69	96	272	274	372	41	55	27	54 500	59 700
ROOMS													
1 to 3 rooms	92	11	—	18	7	27	23	6	—	—	—	43 800	38 800
4 rooms	568	9	11	24	93	134	131	134	13	19	—	51 000	52 500
5 rooms	1 508	—	43	66	109	352	368	488	75	7	—	54 100	54 600
6 rooms	1 329	—	—	6	73	239	316	569	97	17	12	60 700	62 500
7 rooms	1 225	—	10	—	28	114	265	608	149	39	12	64 700	67 400
8 or more rooms	3 487	—	—	12	16	110	425	1 561	703	536	124	75 000	83 400
Median	7.0	3.4	5.0	4.8	5.1	5.4	6.3	7.3	8.5+	8.5+	8.5+	...	...
BEDROOMS													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	64	—	—	9	11	20	18	—	6	—	—	43 000	46 500
2	1 115	20	17	66	123	283	256	261	56	33	—	51 800	53 300
3	3 484	—	37	46	171	486	732	1 532	351	99	30	62 400	64 100
4	2 146	—	10	5	21	152	399	1 011	291	206	51	69 200	74 800
5 or more	1 400	—	—	—	—	35	123	562	333	280	67	79 300	89 900
YEAR STRUCTURE BUILT													
1975 to March 1980	3 082	—	10	18	10	68	447	1 447	620	375	87	73 100	79 900
1970 to 1974	1 220	9	28	—	10	48	179	631	193	107	15	70 500	73 800
1960 to 1969	1 235	11	—	7	43	169	257	580	90	66	12	63 200	66 100
1950 to 1959	1 643	—	9	37	104	404	464	465	105	43	12	54 700	59 100
1940 to 1949	730	—	11	38	121	244	130	156	9	21	—	48 200	51 300
1939 or earlier	299	—	6	26	38	43	51	87	20	6	22	54 100	65 300
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	434	9	—	24	45	73	94	134	25	21	9	56 100	59 100
\$5,000 to \$9,999	523	5	13	—	48	123	102	151	45	28	8	57 400	62 600
\$10,000 to \$12,499	517	—	12	6	33	115	117	192	19	23	—	57 700	59 700
\$12,500 to \$14,999	555	6	—	—	31	70	140	211	74	19	4	61 900	64 900
\$15,000 to \$19,999	1 487	—	10	14	24	236	308	704	136	40	15	62 900	64 900
\$20,000 to \$24,999	1 513	—	19	31	69	170	304	613	194	91	22	64 200	67 000
\$25,000 to \$34,999	1 969	—	10	36	38	108	281	957	336	180	23	70 400	73 700
\$35,000 to \$49,999	900	—	—	15	38	65	147	304	136	145	50	74 400	83 100
\$50,000 or more	311	—	—	—	—	16	35	100	72	71	17	81 000	93 700
Median	\$21 792	\$5 500	\$16 750	\$21 827	\$16 154	\$17 500	\$20 049	\$21 945	\$25 574	\$29 309	\$32 286	...	...
Mean	\$23 402	\$6 242	\$17 207	\$20 857	\$18 825	\$18 685	\$21 316	\$23 456	\$27 771	\$30 809	\$30 547	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	6 459	9	17	66	192	601	1 224	2 835	903	498	114	66 900	71 600
Less than 15 percent	1 456	—	—	53	75	151	312	567	176	113	9	65 100	68 200
15 to 19 percent	1 089	—	9	7	30	117	161	496	179	90	—	70 000	70 600
20 to 24 percent	1 036	—	—	—	39	76	197	506	140	61	17	66 800	71 500
25 to 29 percent	797	—	—	—	—	93	154	346	106	69	29	66 800	75 900
30 to 34 percent	466	—	—	—	15	50	83	223	32	52	11	67 000	72 800
35 percent or more	1 606	9	8	6	33	114	317	697	270	113	39	66 600	72 400
Not computed	9	—	—	—	—	—	—	—	—	—	9	175 000	175 000
Median	23.3	50+	19.7	12.1	18.5	22.1	23.5	23.5	23.4	23.8	29.6	...	...
Not mortgaged	1 750	11	47	60	134	375	304	531	134	120	34	57 500	62 700
Less than 10 percent	953	6	34	29	56	220	179	253	77	73	26	55 800	63 700
10 to 14 percent	325	—	—	13	22	31	64	146	17	24	8	63 300	68 000
15 to 19 percent	142	—	—	—	23	52	6	33	21	7	—	49 300	60 700
20 to 24 percent	75	—	13	—	—	21	7	27	—	7	—	57 500	58 400
25 to 29 percent	71	—	—	9	26	22	—	14	—	—	—	40 200	41 400
30 to 34 percent	69	5	—	7	23	—	—	27	7	—	—	49 600	53 800
35 percent or more	115	—	9	—	6	48	31	12	9	—	—	58 200	62 700
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	10—	10—	10—	10.4	12.5	10—	10—	10.4	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	8 209	20	64	126	326	976	1 528	3 366	1 037	618	148	64 900	69 700
1.01 or more persons per room	466	—	—	—	24	69	144	180	32	13	4	59 700	63 600
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	8 209	20	64	126	326	976	1 528	3 366	1 037	618	148	64 900	69 700
Central heating system	7 967	20	57	107	313	950	1 481	3 277	1 002	612	148	65 000	69 900
Air conditioning	3 986	14	38	47	93	416	665	1 621	555	408	129	67 900	74 500
Central system	2 321	5	18	23	51	161	255	952	392	352	112	73 600	81 700
Income in 1979 below poverty level	495	9	—	24	35	69	121	153	40	35	9	59 100	62 800
Percent below poverty level	6.0	45.0	—	19.0	10.7	7.1	7.9	4.5	3.9	5.7	6.1	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Orem city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	4 332	26	179	587	1 915	645	296	228	256	80	120	236
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	2 956	12	71	420	1 289	473	191	161	184	71	84	237
15 to 24 years.....	1 248	12	31	213	756	151	48	11	10	—	16	223
25 to 34 years.....	1 292	—	28	176	480	280	78	89	85	39	37	245
35 to 44 years.....	223	—	12	20	4	29	35	47	61	15	—	362
45 to 64 years.....	155	—	—	11	34	6	27	14	28	17	18	332
65 years and over.....	38	—	—	—	15	7	3	—	—	—	13	241
Male householder, no wife present.....	450	8	53	71	168	60	27	29	16	9	9	230
15 to 24 years.....	191	5	31	13	83	19	7	8	10	9	6	228
25 to 34 years.....	160	3	10	29	57	20	20	21	—	—	—	239
35 to 44 years.....	42	—	6	12	14	4	—	—	6	—	—	211
45 to 64 years.....	54	—	6	17	14	17	—	—	—	—	—	211
65 years and over.....	3	—	—	—	—	—	—	—	—	—	3	—
Female householder, no husband present.....	926	6	55	96	458	112	78	38	56	—	27	235
15 to 24 years.....	273	6	48	17	157	24	16	—	—	—	5	222
25 to 34 years.....	405	—	7	53	205	49	38	10	43	—	—	237
35 to 44 years.....	106	—	—	6	42	11	17	16	8	—	6	280
45 to 64 years.....	109	—	—	8	54	18	7	12	5	—	5	245
65 years and over.....	33	—	—	12	—	10	—	—	—	—	11	198
Median age.....	26.7	22.8	23.9	26.2	24.8	27.3	30.2	31.5	33.1	33.5	33.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	3 141	26	135	397	1 449	459	199	179	192	80	25	235
1975 to 1978.....	1 003	—	34	157	414	181	92	31	64	—	30	238
1970 to 1974.....	93	—	5	21	29	5	5	—	—	—	23	233
1960 to 1969.....	48	—	—	—	13	—	—	7	—	—	28	238
1959 or earlier.....	47	—	5	12	10	—	—	6	—	—	14	170
ROOMS												
1 room.....	18	—	11	7	—	—	—	—	—	—	—	126
2 rooms.....	152	5	6	39	91	11	—	—	—	—	—	214
3 rooms.....	437	11	73	138	191	6	10	—	—	—	8	197
4 rooms.....	2 244	—	57	315	1 361	406	32	26	19	—	28	230
5 rooms.....	739	7	27	29	206	130	159	81	45	25	30	270
6 rooms.....	322	—	—	42	47	61	40	32	64	21	15	304
7 or more rooms.....	420	3	5	17	19	31	55	89	128	34	39	384
Median.....	4.2	3.2	3.5	3.8	4.0	4.3	5.2	5.7	6.5	6.2	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	4 332	26	179	587	1 915	645	296	228	256	80	120	236
Complete plumbing for exclusive use.....	4 303	26	179	587	1 900	639	296	220	256	80	120	236
0.50 or less.....	1 699	8	68	261	802	230	68	62	99	32	69	231
0.51 to 1.00.....	2 198	12	89	278	969	348	172	144	105	36	45	237
1.01 to 1.50.....	359	6	11	42	119	56	49	6	52	12	6	250
1.51 or more.....	47	—	11	6	10	5	7	8	—	—	—	232
Lacking complete plumbing for exclusive use.....	29	—	—	—	15	6	—	8	—	—	—	248
0.50 or less.....	15	—	—	—	15	—	—	—	—	—	—	223
0.51 to 1.00.....	14	—	—	—	—	6	—	8	—	—	—	356
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	986	6	69	120	451	109	87	43	58	9	34	231
Complete plumbing for exclusive use.....	978	6	69	120	443	109	87	43	58	9	34	232
1.01 or more persons per room.....	160	6	12	21	46	—	39	6	30	—	—	245
Lacking complete plumbing for exclusive use.....	8	—	—	—	8	—	—	—	—	—	—	213
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None.....	27	—	11	7	9	—	—	—	—	—	—	154
1.....	537	10	89	197	208	22	8	—	—	—	3	195
2.....	2 713	6	44	358	1 640	493	67	27	9	8	61	230
3.....	731	7	31	13	44	124	198	119	133	40	22	334
4.....	257	—	4	12	10	6	23	82	75	22	23	388
5 or more.....	67	3	—	—	4	—	—	—	39	10	11	454
UNITS IN STRUCTURE												
1, detached or attached.....	1 064	8	30	113	182	148	136	89	200	77	81	304
2.....	652	—	41	114	144	132	88	65	26	3	39	252
3 and 4.....	1 832	5	35	247	1 158	266	52	58	11	—	—	230
5 to 9.....	157	—	15	32	61	25	14	10	—	—	—	220
10 to 49.....	491	13	31	61	297	68	6	6	9	—	—	224
50 or more.....	62	—	7	—	39	6	—	—	10	—	—	229
Mobile home or trailer, etc.....	74	—	20	20	34	—	—	—	—	—	—	197
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 604	6	30	64	844	288	112	108	92	52	8	242
1970 to 1974.....	1 156	5	46	124	621	189	40	31	60	15	25	234
1960 to 1969.....	706	—	37	193	233	74	62	21	53	13	20	221
1950 to 1959.....	446	15	28	127	104	43	41	42	15	—	31	219
1940 to 1949.....	262	—	25	37	72	41	41	16	10	—	20	241
1939 or earlier.....	158	—	13	42	41	10	—	10	26	—	16	228
STORIES IN STRUCTURE												
1 to 3.....	4 319	26	179	587	1 902	645	296	228	256	80	120	236
4 or more.....	13	—	—	—	13	—	—	—	—	—	—	227
With elevator.....	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	605	16	73	88	263	84	32	25	12	12	...	227
15 to 19 percent.....	725	—	22	173	299	98	61	55	10	7	...	227
20 to 24 percent.....	610	5	19	79	283	158	16	15	31	4	...	236
25 to 29 percent.....	465	5	25	53	247	67	19	7	36	6	...	235
30 to 34 percent.....	423	—	3	36	223	69	33	29	23	7	...	241
35 to 49 percent.....	527	—	5	81	176	71	68	39	53	34	...	251
50 percent or more.....	819	—	32	77	392	98	67	52	91	10	...	238
Not computed.....	158	—	—	—	32	—	—	6	—	—	120	237
Median.....	26.6	12.9	18.8	22.1	27.0	24.4	33.0	31.6	41.2	36.7	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	4 332	26	179	587	1 915	645	296	228	256	80	120	236
Central heating system.....	4 108	21	162	546	1 815	615	288	228	252	67	114	236
Air conditioning.....	2 171	21	80	206	1 092	315	147	132	77	51	50	237
Central system.....	1 209	16	58	93	582	154	75	92	54	45	40	239

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Orem city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	9 580	544	783	685	686	1 689	1 666	2 201	978	348	21 104	23 038	601
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	8 055	172	499	501	562	1 443	1 509	2 121	917	331	22 604	24 423	361
15 to 24 years	439	19	71	73	47	116	75	23	10	5	15 360	15 890	33
25 to 34 years	2 406	60	118	170	158	624	530	564	144	38	20 556	21 697	120
35 to 44 years	2 044	39	78	33	152	349	474	624	206	89	23 706	25 420	133
45 to 64 years	2 397	19	66	90	86	210	341	851	543	191	28 570	30 769	43
65 years and over	769	35	166	135	119	144	89	59	14	8	13 519	15 394	32
Male householder, no wife present	405	59	57	33	20	98	63	27	42	6	17 791	17 724	45
15 to 24 years	46	7	7	—	12	6	8	—	6	—	14 375	16 770	7
25 to 34 years	121	11	4	18	8	28	27	4	15	6	18 229	21 186	6
35 to 44 years	55	—	—	—	—	19	18	6	12	—	21 181	23 881	—
45 to 64 years	74	—	—	11	—	37	—	17	9	—	19 113	22 003	6
65 years and over	109	41	46	4	—	8	10	—	—	—	6 467	8 273	26
Female householder, no husband present	1 120	313	227	151	104	148	94	53	19	11	10 331	14 996	195
15 to 24 years	15	—	4	—	—	—	11	—	—	—	20 795	18 615	—
25 to 34 years	117	27	20	22	14	6	17	4	—	7	11 307	13 816	27
35 to 44 years	181	31	17	6	23	48	29	20	7	—	16 055	16 054	35
45 to 64 years	491	75	113	92	44	85	37	29	12	4	11 563	20 349	59
65 years and over	316	180	73	31	23	9	—	—	—	—	4 678	6 337	74
Median age	41.5	63.1	54.5	48.4	39.5	36.2	37.6	42.4	47.4	48.5	...	...	39.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 794	90	159	171	212	389	311	293	150	19	18 038	21 867	134
1975 to 1978	3 710	166	252	223	253	754	727	884	293	158	21 291	22 705	229
1970 to 1974	1 379	63	131	74	71	255	233	345	147	60	21 925	23 544	95
1960 to 1969	1 372	101	71	52	73	160	254	406	221	34	24 554	24 955	73
1959 or earlier	1 325	124	170	165	77	131	141	273	167	77	19 803	23 041	70
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	9 580	544	783	685	686	1 689	1 666	2 201	978	348	21 104	23 038	601
1.01 or more persons per room	522	19	44	40	56	109	108	89	53	4	19 628	20 862	83
Loading complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	9 580	544	783	685	686	1 689	1 666	2 201	978	348	21 104	23 038	601
Central heating system	9 269	502	741	647	664	1 643	1 602	2 165	966	339	21 233	23 232	559
Air conditioning	4 956	302	440	332	265	766	849	1 245	552	205	22 023	23 992	337
Central system	3 016	165	243	224	138	455	466	806	369	150	22 800	25 418	143
Vehicles available	9 452	450	762	685	678	1 684	1 666	2 201	978	348	21 279	23 280	573
1	1 956	248	373	261	236	441	215	132	34	16	13 517	16 287	249
2 or more	7 496	202	389	424	442	1 243	1 451	2 069	944	332	23 523	25 105	324
House heating fuel	9 580	544	783	685	686	1 689	1 666	2 201	978	348	21 104	23 038	601
Utility gas	9 082	524	750	650	642	1 578	1 581	2 087	927	343	21 138	23 091	589
Bottled, tank, or LP gas	26	—	5	—	—	—	6	9	—	—	31 324	28 898	—
Electricity	365	20	10	24	29	96	55	89	42	—	20 257	22 339	12
Fuel oil, kerosene, etc.	22	—	6	11	5	—	—	—	—	—	11 136	10 358	—
Other	85	—	12	—	10	15	24	19	—	5	21 964	21 854	—
Median rooms	6.8	5.2	5.3	5.4	6.5	6.4	6.9	7.5	8.0	8.5+	...	...	5.9
Specified owner-occupied housing units	8 209	434	523	517	555	1 487	1 513	1 969	900	311	21 792	23 402	495
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	6 459	207	297	330	438	1 198	1 300	1 666	766	257	22 591	24 448	326
Less than \$200	284	34	31	34	26	26	37	64	32	—	18 594	19 400	32
\$200 to \$249	541	7	6	40	13	51	88	201	113	22	27 127	28 018	13
\$250 to \$299	600	18	11	17	33	135	159	164	57	6	21 754	23 503	23
\$300 to \$349	627	29	29	44	50	137	124	124	64	26	20 988	22 982	27
\$350 to \$399	894	19	25	67	66	224	156	214	78	45	21 016	24 064	38
\$400 to \$499	1 435	36	109	53	98	236	326	365	129	83	22 379	24 372	86
\$500 to \$599	941	35	44	31	89	179	228	213	94	28	21 670	23 302	51
\$600 to \$749	684	11	22	33	63	130	129	188	86	22	23 116	25 616	32
\$750 or more	453	18	20	11	—	80	53	133	113	25	27 043	28 249	24
Median	\$418	\$391	\$458	\$372	\$422	\$409	\$423	\$419	\$432	\$434	...	...	\$436
Not mortgaged	1 750	227	226	187	117	289	213	303	134	54	16 821	19 542	169
Less than \$50	19	9	—	—	—	—	10	—	—	—	22 625	12 871	9
\$50 to \$74	72	17	26	10	—	19	—	—	—	—	8 409	9 055	17
\$75 to \$99	303	74	42	35	6	74	24	44	4	—	12 708	14 353	42
\$100 to \$124	535	55	82	71	47	94	61	102	18	5	15 488	17 297	40
\$125 to \$149	414	38	44	45	39	77	56	57	39	19	17 440	20 648	27
\$150 to \$199	310	19	32	18	25	12	55	74	53	22	24 400	27 830	19
\$200 to \$249	91	15	—	8	—	7	7	26	20	8	26 771	26 546	15
\$250 or more	6	—	—	—	—	6	—	—	—	—	18 750	18 045	—
Median	\$122	\$106	\$114	\$117	\$129	\$114	\$130	\$127	\$156	\$157	...	...	\$110
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	6 459	207	297	330	438	1 198	1 300	1 666	766	257	22 591	24 448	326
Less than 15 percent	1 456	—	5	6	6	37	179	537	452	234	33 900	37 293	—
15 to 19 percent	1 089	—	—	14	33	121	286	476	159	—	26 469	26 944	—
20 to 24 percent	1 036	—	12	48	12	239	304	341	68	12	23 316	24 068	6
25 to 29 percent	797	—	6	6	72	277	242	126	63	5	20 716	22 426	—
30 to 34 percent	466	—	14	49	52	95	146	86	18	6	20 593	20 500	18
35 percent or more	1 606	198	260	207	263	429	143	100	6	—	13 812	13 672	293
Not computed	9	—	—	—	—	—	—	—	—	—	2500—	—	9
Median	23.3	50+	50+	40.8	38.9	28.6	23.0	18.1	13.4	10—	...	...	50+
Not mortgaged	1 750	227	226	187	117	289	213	303	134	54	16 821	19 542	169
Less than 10 percent	953	—	—	33	24	228	182	298	134	54	25 823	28 313	—
10 to 14 percent	325	—	51	111	72	55	31	5	—	—	12 517	13 471	—
15 to 19 percent	142	—	86	29	21	6	—	—	—	—	9 235	9 564	—
20 to 24 percent	75	—	61	14	—	—	—	—	—	—	7 974	7 751	—
25 to 29 percent	71	65	6	—	—	—	—	—	—	—	3 683	3 797	32
30 to 34 percent	69	57	12	—	—	—	—	—	—	—	4 013	4 089	23
35 percent or more	115	105	10	—	—	—	—	—	—	—	3 417	3 026	96
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	10—	34.3	18.6	12.7	12.4	10—	10—	10—	10—	10—	...	...	40.5

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Orem city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)	Meon (dollars)	
Renter-occupied housing units	4 375	655	1 176	674	546	604	368	268	59	25	11 322	12 701	986
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 986	311	919	450	426	447	198	173	37	25	11 461	12 929	513
15 to 24 years	1 248	146	437	183	208	171	64	28	5	6	10 560	11 425	164
25 to 34 years	1 292	137	413	238	143	207	66	73	15	—	11 008	12 247	293
35 to 44 years	236	4	29	29	52	50	22	41	9	—	15 385	17 429	34
45 to 64 years	172	12	26	—	16	19	41	31	8	19	21 625	23 543	18
65 years and over	38	12	14	—	7	—	5	—	—	—	7 500	9 544	4
Male householder, no wife present	457	80	43	62	25	84	105	46	12	—	16 101	15 785	124
15 to 24 years	198	51	38	31	4	30	15	24	5	—	10 806	13 360	81
25 to 34 years	160	13	5	17	14	39	53	12	7	—	18 750	18 081	20
35 to 44 years	42	13	—	6	7	6	6	4	—	—	13 214	13 229	20
45 to 64 years	54	—	—	8	—	9	31	6	—	—	21 316	20 564	—
65 years and over	3	3	—	—	—	—	—	—	—	—	3 750	3 105	3
Female householder, no husband present	932	264	214	162	95	73	65	49	10	—	9 643	10 457	349
15 to 24 years	273	128	55	43	23	17	7	—	—	—	5 759	7 253	174
25 to 34 years	405	83	98	78	48	50	22	16	10	—	10 689	11 528	121
35 to 44 years	112	14	31	13	19	6	18	11	—	—	12 115	12 906	20
45 to 64 years	109	21	20	23	5	—	18	22	—	—	11 467	13 523	21
65 years and over	33	18	10	5	—	—	—	—	—	—	4 659	5 374	13
Median age	26.7	25.1	25.7	26.6	26.3	26.9	31.5	32.4	28.5	53.0	...	...	26.3
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 171	500	890	498	384	403	253	182	40	21	10 981	12 469	733
1975 to 1978	1 011	125	260	148	148	166	92	49	19	4	12 035	13 064	227
1970 to 1974	93	12	12	23	7	11	23	5	—	—	12 446	13 404	6
1960 to 1969	53	4	14	5	—	13	—	17	—	—	16 250	16 223	11
1959 or earlier	47	14	—	—	7	11	—	15	—	—	16 250	15 166	9
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	4 346	647	1 176	667	538	604	368	262	59	25	11 312	12 705	978
0.50 or less	1 729	231	446	259	239	265	138	98	38	15	11 810	13 254	256
0.51 to 1.00	2 202	375	606	332	257	287	198	123	14	10	10 904	12 091	562
1.01 to 1.50	368	36	118	60	34	44	28	41	7	—	11 250	13 932	143
1.51 or more	47	5	6	16	8	8	4	—	—	—	11 953	11 721	17
Lacking complete plumbing for exclusive use	29	8	—	7	8	—	—	6	—	—	12 321	12 016	8
0.50 or less	15	8	—	7	—	—	—	—	—	—	4 844	6 288	8
0.51 to 1.00	14	—	—	—	8	—	—	6	—	—	14 688	18 153	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	4 375	655	1 176	674	546	604	368	268	59	25	11 322	12 701	986
Central heating system	4 151	610	1 131	621	522	568	347	268	59	25	11 347	12 784	944
Air conditioning	2 188	372	516	328	287	313	156	151	46	19	11 570	13 027	510
Central system	1 226	192	289	192	166	131	92	112	33	19	11 719	14 024	288
Vehicles available	4 185	528	1 143	668	541	604	355	268	59	19	11 577	12 965	864
1	2 196	337	721	441	270	246	111	54	5	11	10 227	10 952	487
2 or more	1 989	191	422	227	271	358	244	214	54	8	13 925	15 187	377
House heating fuel	4 375	655	1 176	674	546	604	368	268	59	25	11 322	12 701	986
Utility gas	3 772	553	1 035	565	475	528	303	243	55	15	11 319	12 639	825
Bottled, tank, or LP gas	50	5	—	23	4	7	11	—	—	—	12 174	13 522	12
Electricity	527	97	141	76	67	64	43	25	4	10	10 839	12 838	149
Fuel oil, kerosene, etc.	5	—	—	—	—	—	5	—	—	—	21 250	21 315	—
Other	21	—	—	10	—	5	6	—	—	—	15 250	16 334	—
Median rooms	4.2	4.0	4.2	4.1	4.2	4.2	4.4	5.1	6.3	5.3	...	...	4.1
Specified renter-occupied housing units													
4 332	655	1 169	670	539	604	354	257	59	25	11 276	12 644	986	
CONTRACT RENT													
Less than \$100	135	30	45	—	11	19	10	20	—	—	9 013	12 346	42
\$100 to \$149	405	60	106	114	34	57	28	6	—	—	10 800	10 683	85
\$150 to \$199	2 279	416	689	369	286	298	134	64	17	6	10 234	11 108	529
\$200 to \$249	597	76	120	80	97	86	88	45	5	—	13 080	13 753	122
\$250 to \$299	338	15	97	51	40	57	16	44	14	4	12 875	15 519	85
\$300 to \$349	252	12	55	28	24	30	44	42	14	3	16 167	18 226	55
\$350 to \$399	133	6	37	20	26	13	16	8	7	—	12 837	14 658	31
\$400 to \$499	63	—	—	—	13	21	9	12	—	8	18 958	27 132	3
\$500 or more	10	—	—	—	—	—	4	—	2	4	44 222	41 975	—
No cash rent	120	40	20	8	8	23	5	16	—	—	10 000	11 161	34
Median	\$184	\$181	\$177	\$182	\$186	\$186	\$201	\$230	\$273	\$342	...	...	\$185
GROSS RENT													
Less than \$100	26	10	7	—	6	3	—	—	—	—	8 571	9 027	6
\$100 to \$149	179	40	61	16	5	28	19	10	—	—	7 604	10 779	69
\$150 to \$199	587	84	209	122	71	78	17	6	—	—	10 010	10 095	120
\$200 to \$249	1 915	369	548	308	257	222	120	63	22	6	10 329	11 339	451
\$250 to \$299	645	62	118	119	78	135	79	54	—	—	13 253	13 877	109
\$300 to \$349	296	24	89	41	27	22	48	35	6	4	12 134	14 845	87
\$350 to \$399	228	20	53	16	37	22	14	53	10	3	14 189	17 331	43
\$400 to \$499	256	6	58	40	40	43	39	18	12	—	14 000	16 245	58
\$500 or more	80	—	6	—	10	28	13	2	9	12	18 333	27 204	9
No cash rent	120	40	20	8	8	23	5	16	—	—	10 000	11 161	34
Median	\$236	\$222	\$230	\$231	\$236	\$243	\$257	\$286	\$357	\$392	...	...	\$231
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	605	—	7	11	18	141	186	167	50	25	22 451	25 681	29
15 to 19 percent	725	—	21	90	193	239	111	64	7	—	15 855	16 943	20
20 to 24 percent	610	5	61	192	200	117	23	10	2	—	13 087	13 482	20
25 to 29 percent	465	5	172	214	19	33	22	—	—	—	10 648	11 091	31
30 to 34 percent	423	3	277	70	43	23	7	—	—	—	9 252	9 928	28
35 to 49 percent	527	12	375	58	54	28	—	—	—	—	7 914	8 751	91
50 percent or more	819	552	236	27	4	—	—	—	—	—	3 988	4 213	695
Not computed	158	78	20	8	8	23	5	16	—	—	5 500	8 299	72
Median	26.6	50+	36.0	25.9	21.4	18.1	14.7	12.9	11.3	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	6 459	284	541	600	627	894	1 435	941	684	453	418
PERSONS IN UNIT											
1 person -----	264	14	21	41	37	59	47	29	16	—	366
2 persons -----	866	128	134	117	43	80	155	124	52	33	357
3 persons -----	952	22	72	99	106	142	234	116	76	85	413
4 persons -----	1 340	23	102	66	150	143	379	218	160	99	443
5 persons -----	1 130	65	93	68	107	244	196	128	142	87	398
6 persons -----	913	21	66	106	113	110	193	168	97	39	422
7 persons -----	487	7	20	52	25	55	121	78	76	53	466
8 or more persons -----	507	4	33	51	46	61	110	80	65	57	449
Median -----	4.36	2.50	3.93	4.15	4.35	4.59	4.24	4.42	4.77	4.61	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	5 832	226	476	519	549	789	1 308	882	657	426	425
15 to 24 years -----	295	—	8	6	34	56	62	81	43	5	449
25 to 34 years -----	2 127	19	42	96	211	254	647	392	331	135	463
35 to 44 years -----	1 780	50	124	187	182	261	341	267	193	175	423
45 to 64 years -----	1 503	108	296	225	117	207	233	125	83	109	351
65 years and over -----	127	49	6	5	5	11	25	17	7	2	335
Male householder, no wife present -----	207	6	18	17	20	43	42	31	16	14	399
15 to 24 years -----	36	—	—	—	5	—	12	13	6	—	508
25 to 34 years -----	84	—	7	9	6	14	17	12	10	9	418
35 to 44 years -----	32	—	—	—	—	19	13	—	—	—	392
45 to 64 years -----	39	—	11	8	9	—	—	6	—	5	303
65 years and over -----	16	6	—	—	—	10	—	—	—	—	360
Female householder, no husband present -----	420	52	47	64	58	62	85	28	11	13	341
15 to 24 years -----	11	—	—	—	—	—	11	—	—	—	475
25 to 34 years -----	70	—	7	6	13	17	16	6	5	—	376
35 to 44 years -----	128	16	13	20	6	27	28	12	—	6	367
45 to 64 years -----	186	28	27	31	39	18	30	—	6	7	309
65 years and over -----	25	8	—	7	—	—	—	10	—	—	282
Median age -----	37.5	52.6	49.0	43.5	37.1	37.7	34.3	34.2	33.6	38.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 448	8	6	41	42	87	297	350	369	248	569
1975 to 1978 -----	2 837	11	21	118	307	581	892	475	281	151	438
1970 to 1974 -----	963	48	169	176	158	111	176	72	23	30	328
1960 to 1969 -----	899	120	271	241	93	84	30	32	4	24	262
1959 or earlier -----	312	97	74	24	27	31	40	12	7	—	240
ROOMS											
1 to 3 rooms -----	57	—	15	5	13	6	18	—	—	—	333
4 rooms -----	313	15	13	41	32	43	133	29	7	—	411
5 rooms -----	1 113	120	93	101	103	144	203	195	120	34	398
6 rooms -----	1 025	58	96	100	119	141	234	145	86	46	399
7 rooms -----	945	34	79	133	77	165	170	143	111	33	395
8 or more rooms -----	3 006	57	245	220	283	395	677	429	360	340	442
Median -----	7.3	5.6	7.2	6.9	7.1	7.2	7.3	7.2	7.7	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	2 898	5	—	63	101	407	816	629	539	338	509
1970 to 1974 -----	1 085	9	48	148	182	168	297	113	60	60	396
1960 to 1969 -----	1 017	85	182	240	115	113	127	84	43	28	301
1950 to 1959 -----	1 053	141	235	101	170	136	144	78	28	20	315
1940 to 1949 -----	295	35	37	48	52	46	39	31	7	7	326
1939 or earlier -----	111	9	39	—	7	24	12	6	14	—	351
VALUE											
Less than \$10,000 -----	9	9	—	—	—	—	—	—	—	—	175
\$10,000 to \$19,999 -----	17	—	—	—	9	8	—	—	—	—	347
\$20,000 to \$29,999 -----	66	11	16	11	13	—	15	—	—	—	277
\$30,000 to \$39,999 -----	192	57	33	15	59	7	21	—	—	—	270
\$40,000 to \$49,999 -----	601	55	89	114	131	76	110	26	—	—	316
\$50,000 to \$59,999 -----	1 224	90	150	121	108	190	317	157	84	7	388
\$60,000 to \$79,999 -----	2 835	55	223	284	218	370	676	534	366	109	437
\$80,000 to \$99,999 -----	903	—	20	42	51	180	149	172	147	142	506
\$100,000 to \$149,999 -----	498	7	10	13	38	56	140	50	72	112	492
\$150,000 or more -----	114	—	—	—	—	7	7	2	15	83	750+
Median -----	\$66 900	\$50 900	\$58 600	\$63 400	\$59 400	\$67 300	\$66 500	\$69 800	\$72 700	\$96 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	1 456	176	435	281	172	149	176	43	22	2	271
15 to 19 percent -----	1 089	34	53	186	166	245	259	97	49	—	372
20 to 24 percent -----	1 036	26	34	66	105	179	347	155	86	38	433
25 to 29 percent -----	797	6	6	21	76	144	229	161	75	79	454
30 to 34 percent -----	466	8	6	17	38	53	82	104	112	46	528
35 percent or more -----	1 606	34	7	29	70	124	342	381	336	283	552
Not computed -----	9	—	—	—	—	—	—	—	4	5	750+
Median -----	23.3	11.0	10.1	15.5	19.3	21.5	24.1	30.7	34.8	39.8	...
SELECTED CHARACTERISTICS											
Heating equipment -----	6 459	284	541	600	627	894	1 435	941	684	453	418
Steam or hot water system -----	73	7	8	—	—	5	5	13	15	20	588
Central warm-air furnace or electric heat pump -----	6 097	273	519	588	592	837	1 362	877	648	401	416
Other built-in electric units -----	157	—	—	12	21	22	43	26	10	20	460
Floor, wall, or pipeless furnace -----	17	4	7	—	—	6	—	—	—	—	232
Other means -----	118	—	7	—	14	24	25	25	11	12	437
Air conditioning -----	3 160	129	276	284	295	452	688	465	317	254	421
Central system -----	1 918	51	133	182	159	280	377	262	263	211	443
1 or more individual room units -----	1 242	78	143	102	136	172	311	203	54	43	397
House heating fuel -----	6 459	284	541	600	627	894	1 435	941	684	453	418
Utility gas -----	6 128	284	528	588	585	845	1 367	893	636	402	416
Bottled, tank, or LP gas -----	15	—	—	—	—	—	—	—	—	9	750+
Electricity -----	253	—	—	12	28	37	43	48	43	42	514
Fuel oil, kerosene, etc. -----	11	—	6	—	—	—	—	—	5	—	246
Other -----	52	—	7	—	14	12	19	—	—	—	371

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Orem city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	1 750	19	72	303	535	414	310	91	6	122
PERSONS IN UNIT										
1 person -----	359	19	47	81	121	56	26	9	—	107
2 persons -----	745	—	25	118	293	171	130	8	—	120
3 persons -----	256	—	—	54	71	61	58	12	—	126
4 persons -----	163	—	—	43	20	45	43	6	6	135
5 persons -----	107	—	—	7	16	34	30	20	—	147
6 persons -----	66	—	—	—	—	27	17	22	—	168
7 persons -----	30	—	—	—	6	10	—	14	—	147
8 or more persons -----	24	—	—	—	8	10	6	—	—	135
Median -----	2.19	1.00	1.27	2.10	2.00	2.38	2.49	5.02	4.00	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 283	—	25	208	378	321	263	82	6	127
15 to 24 years -----	16	—	—	6	—	—	10	—	—	160
25 to 34 years -----	55	—	10	6	10	10	6	13	—	129
35 to 44 years -----	110	—	—	30	14	32	26	8	—	134
45 to 64 years -----	624	—	—	50	170	199	146	53	6	137
65 years and over -----	478	—	15	116	184	80	75	8	—	115
Male householder, no wife present -----	72	10	16	16	20	10	—	—	—	91
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	10	10	—	—	—	—	—	—	—	50—
35 to 44 years -----	7	—	—	7	—	—	—	—	—	88
45 to 64 years -----	7	—	—	—	—	—	—	—	—	113
65 years and over -----	48	—	16	9	13	10	—	—	—	97
Female householder, no husband present -----	395	9	31	79	137	83	47	9	—	114
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	—	—	—	—	—	—	—	—	—	—
35 to 44 years -----	21	—	—	—	7	7	—	—	—	138
45 to 64 years -----	196	—	7	34	76	37	33	9	—	119
65 years and over -----	178	9	24	45	54	39	7	—	—	105
Median age -----	61.6	34.7	69.0	66.1	64.2	58.5	57.8	51.5	62.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	101	—	10	19	18	14	33	7	—	131
1975 to 1978 -----	220	—	—	51	56	30	34	43	6	127
1970 to 1974 -----	174	10	5	27	24	63	33	12	—	133
1960 to 1969 -----	350	—	19	65	102	85	63	16	—	122
1959 or earlier -----	905	9	38	141	335	222	147	13	—	120
ROOMS										
1 to 3 rooms -----	35	9	—	9	12	5	—	—	—	99
4 rooms -----	255	—	32	90	50	48	35	—	—	103
5 rooms -----	395	10	26	86	149	84	40	—	—	113
6 rooms -----	304	—	14	65	137	51	37	—	—	113
7 rooms -----	280	—	—	40	89	105	14	26	6	128
8 or more rooms -----	481	—	—	13	98	121	184	65	—	152
Median -----	6.1	4.5	4.7	5.1	5.9	6.7	7.8	8.4	7.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	184	—	10	35	21	26	49	43	—	150
1970 to 1974 -----	135	10	—	10	18	46	26	19	6	141
1960 to 1969 -----	218	—	—	23	63	65	51	16	—	134
1950 to 1959 -----	590	—	14	88	195	166	120	7	—	125
1940 to 1949 -----	435	—	36	130	166	57	46	—	—	108
1939 or earlier -----	188	9	12	17	72	54	18	6	—	119
VALUE										
Less than \$10,000 -----	11	—	—	—	6	5	—	—	—	123
\$10,000 to \$19,999 -----	47	10	14	10	6	7	—	—	—	74
\$20,000 to \$29,999 -----	60	9	—	26	13	—	12	—	—	95
\$30,000 to \$39,999 -----	134	—	16	52	36	12	18	—	—	100
\$40,000 to \$49,999 -----	375	—	36	101	115	88	21	14	—	111
\$50,000 to \$59,999 -----	304	—	—	25	139	75	58	7	—	123
\$60,000 to \$79,999 -----	531	—	6	68	160	180	111	—	6	129
\$80,000 to \$99,999 -----	134	—	—	8	27	41	44	14	—	145
\$100,000 to \$149,999 -----	120	—	—	13	13	6	32	56	—	194
\$150,000 or more -----	34	—	—	—	20	—	14	—	—	121
Median -----	\$57 500	\$17 400	\$41 700	\$45 700	\$55 600	\$61 600	\$71 300	\$107 100	\$67 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	953	10	29	175	292	218	180	49	—	122
10 to 14 percent -----	325	—	17	39	113	97	40	19	—	124
15 to 19 percent -----	142	—	9	8	50	36	33	—	6	128
20 to 24 percent -----	75	—	—	7	25	20	15	8	—	132
25 to 29 percent -----	71	9	17	33	6	—	6	—	—	82
30 to 34 percent -----	69	—	—	25	25	12	7	—	—	109
35 percent or more -----	115	—	—	16	24	31	29	15	—	139
Not computed -----	—	—	—	—	—	—	—	—	—	—
Median -----	10—	10—	12.1	10—	10—	10—	10—	10—	17.5	...
SELECTED CHARACTERISTICS										
Heating equipment -----	1 750	19	72	303	535	414	310	91	6	122
Steam or hot water system -----	20	—	—	—	14	—	6	—	—	118
Central warm-air furnace or electric heat pump -----	1 554	19	57	249	466	378	288	91	6	124
Other built-in electric units -----	23	—	—	—	12	11	—	—	—	124
Floor, wall, or pipeless furnace -----	29	—	4	14	—	6	5	—	—	94
Other means -----	124	—	11	40	43	19	11	—	—	106
Air conditioning -----	826	10	19	118	232	209	178	54	6	129
Central system -----	403	10	—	56	79	96	108	48	6	140
1 or more individual room units -----	423	—	19	62	153	113	70	6	—	121
House heating fuel -----	1 750	19	72	303	535	414	310	91	6	122
Utility gas -----	1 673	19	67	282	499	403	306	91	6	123
Bottled, tank, or LP gas -----	6	—	—	—	6	—	—	—	—	113
Electricity -----	35	—	—	8	12	11	4	—	—	120
Fuel oil, kerosene, etc. -----	6	—	—	—	6	—	—	—	—	113
Other -----	30	—	5	13	12	—	—	—	—	94

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Orem city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	9 580	3 585	1 670	1 390	2 595	340	4 375	1 621	1 156	706	725	167
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	8 055	3 224	1 370	1 153	2 104	204	2 986	1 148	721	465	525	127
15 to 24 years	439	212	95	36	89	7	1 248	518	304	176	212	38
25 to 34 years	2 406	1 624	297	182	278	25	1 292	484	337	208	216	47
35 to 44 years	2 044	807	547	261	400	29	236	77	50	24	61	24
45 to 64 years	2 397	494	301	559	960	83	172	59	25	42	36	10
65 years and over	769	87	130	115	377	60	38	10	5	15	—	8
Male householder, no wife present	405	129	66	86	93	31	457	154	135	92	65	11
15 to 24 years	46	25	8	7	6	—	198	42	81	47	28	—
25 to 34 years	121	54	30	28	6	3	160	73	33	32	17	5
35 to 44 years	55	23	—	13	7	12	42	19	7	4	12	—
45 to 64 years	74	17	12	12	27	6	54	20	14	9	5	6
65 years and over	109	10	16	26	47	10	3	—	—	—	3	—
Female householder, no husband present	1 120	232	234	151	398	105	932	319	300	149	135	29
15 to 24 years	15	4	—	—	11	—	273	104	105	38	26	—
25 to 34 years	117	49	37	6	25	—	405	151	128	78	41	7
35 to 44 years	181	39	58	43	34	7	112	31	39	17	19	6
45 to 64 years	491	118	88	72	181	32	109	33	16	11	39	10
65 years and over	316	22	51	30	147	66	33	—	12	5	10	6
Median age	41.5	34.0	40.2	48.3	53.8	61.3	26.7	26.4	26.3	26.7	27.9	28.9
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 794	1 314	189	75	186	30	3 171	1 243	812	543	486	87
1975 to 1978	3 710	2 271	600	346	444	49	1 011	378	296	141	149	47
1970 to 1974	1 379	—	881	239	219	40	93	—	48	6	39	—
1960 to 1969	1 372	—	—	730	554	88	53	—	—	16	25	12
1959 or earlier	1 325	—	—	—	1 192	133	47	—	—	—	26	21
ROOMS												
1 room	5	—	5	—	—	—	18	—	—	18	—	—
2 rooms	15	10	—	5	—	—	152	26	77	19	18	12
3 rooms	165	50	19	24	48	24	437	111	71	83	123	49
4 rooms	949	321	205	51	313	59	2 258	924	726	364	229	15
5 rooms	1 843	661	238	244	626	74	747	299	120	88	179	61
6 rooms	1 437	502	192	182	505	56	326	139	64	31	75	17
7 or more rooms	5 166	2 041	1 011	884	1 103	127	437	122	98	103	101	13
Median	6.8	7.0	7.2	7.3	6.1	5.7	4.2	4.2	4.1	4.1	4.5	4.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	9 580	3 585	1 670	1 390	2 595	340	4 346	1 614	1 140	700	725	167
0.50 or less	4 948	1 597	774	755	1 585	237	1 729	705	440	273	259	52
0.51 to 1.00	4 110	1 763	799	591	861	96	2 202	742	579	363	408	110
1.01 to 1.50	463	199	83	44	130	7	368	154	116	40	53	5
1.51 or more	59	26	14	—	19	—	47	13	5	24	5	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	29	7	16	6	—	—
0.50 or less	—	—	—	—	—	—	15	7	8	—	—	—
0.51 to 1.00	—	—	—	—	—	—	14	—	8	6	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	893	162	166	131	322	112	427	153	108	50	99	17
2 persons	2 039	517	298	311	812	101	1 353	528	340	230	178	77
3 persons	1 424	570	165	211	446	32	1 168	395	339	204	203	27
4 persons	1 701	788	319	184	393	17	675	275	157	117	100	26
5 persons	1 353	646	175	223	268	41	373	147	107	50	57	12
6 or more persons	2 170	902	547	330	354	37	379	123	105	55	88	8
Median	3.76	4.19	4.15	3.73	2.87	2.07	2.85	2.83	2.88	2.86	2.92	2.36
Total persons	38 349	15 545	7 694	5 614	8 486	1 010	13 667	5 020	3 536	2 234	2 373	504
UNITS IN STRUCTURE												
1, detached or attached	8 667	3 275	1 318	1 284	2 455	335	1 107	244	130	206	395	132
2	143	25	41	33	39	5	652	204	137	128	170	13
3 and 4	173	57	40	28	48	—	1 832	914	531	279	101	7
5 to 9	108	69	35	4	—	—	157	31	74	25	27	—
10 to 49	55	40	6	—	9	—	491	196	196	64	27	8
50 or more	28	20	5	—	3	—	62	19	36	—	—	7
Mobile home or trailer, etc.	406	99	225	41	41	—	74	13	52	4	5	—
SELECTED CHARACTERISTICS												
Heating equipment	9 580	3 585	1 670	1 390	2 595	340	4 375	1 621	1 156	706	725	167
Steam or hot water system	120	37	12	23	42	6	100	18	16	25	20	21
Central warm-air furnace or electric heat pump	8 892	3 340	1 572	1 326	2 364	290	3 652	1 482	941	575	571	83
Other built-in electric units	206	118	43	32	13	—	296	38	173	66	13	6
Floor, wall, or pipeless furnace	51	—	—	—	45	6	103	21	8	—	68	6
Other means	311	90	43	9	131	38	224	62	18	40	53	51
Air conditioning	4 956	1 849	1 083	652	1 222	150	2 188	964	713	239	259	13
Central system	3 016	1 371	698	379	533	35	1 226	560	416	139	111	—
1 or more individual room units	1 940	478	385	273	689	115	962	404	297	100	148	13
House heating fuel	9 580	3 585	1 670	1 390	2 595	340	4 375	1 621	1 156	706	725	167
Utility gas	9 082	3 292	1 613	1 352	2 489	336	3 772	1 480	881	592	669	150
Bottled, tank, or LP gas	26	15	5	—	6	—	50	16	24	—	10	—
Electricity	365	256	52	32	21	4	527	125	241	109	46	6
Fuel oil, kerosene, etc.	22	—	—	6	16	—	5	—	—	5	—	—
Other	85	22	—	—	63	—	21	—	10	—	—	11
Income in 1979 below poverty level	601	148	135	76	181	61	986	338	336	137	151	24
Percent below poverty level	6.3	4.1	8.1	5.5	7.0	17.9	22.5	20.9	29.1	19.4	20.8	14.4
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	544	93	91	68	222	70	655	230	215	101	84	25
\$5,000 to \$9,999	783	224	150	113	242	54	1 176	420	292	177	261	26
\$10,000 to \$12,499	685	219	137	80	215	34	674	276	158	111	98	31
\$12,500 to \$14,999	686	254	130	84	197	21	546	194	162	77	96	17
\$15,000 to \$19,999	1 689	740	266	211	443	29	604	229	149	108	84	34
\$20,000 to \$24,999	1 666	715	331	219	371	30	368	129	90	79	55	15
\$25,000 to \$34,999	2 201	852	357	405	526	61	268	99	73	41	36	19
\$35,000 to \$49,999	978	365	130	165	282	36	59	29	17	8	5	—
\$50,000 or more	348	123	78	45	97	5	25	15	—	4	6	—
Median	\$21 104	\$21 488	\$20 866	\$23 361	\$19 714	\$13 929	\$11 322	\$11 454	\$11 123	\$11 689	\$10 446	\$12 721
Mean	\$23 038	\$23 196	\$24 485	\$23 651	\$22 311	\$17 300	\$12 701	\$13 155	\$12 068	\$13 061	\$12 156	\$13 518

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	9 580	8 667	507	406	4 375	1 107	652	1 832	157	491	62	74
Condominium housing units	239	58	181	—	31	—	—	24	7	—	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	8 055	7 495	317	243	2 986	839	434	1 296	65	272	30	50
Married-couple families	439	325	36	78	1 248	172	167	641	43	181	23	21
15 to 24 years	2 406	2 271	78	57	1 292	376	218	576	22	75	—	25
25 to 34 years	2 044	1 996	42	6	236	164	19	31	—	11	7	4
35 to 44 years	2 397	2 251	113	33	172	106	27	34	—	5	—	—
45 to 64 years	769	652	48	69	38	21	3	14	—	—	—	—
65 years and over	405	328	23	54	457	99	62	146	40	63	32	15
Male householder, no wife present	46	36	2	8	198	38	28	55	19	33	16	9
15 to 24 years	121	111	—	10	160	29	21	73	7	30	—	—
25 to 34 years	55	39	5	11	42	12	4	7	6	—	7	6
35 to 44 years	74	60	4	10	54	20	6	11	8	—	9	—
45 to 64 years	109	82	12	15	3	—	3	—	—	—	—	—
65 years and over	1 120	844	167	109	932	169	156	390	52	156	—	9
Female householder, no husband present	15	15	—	—	273	24	34	139	18	58	—	—
15 to 24 years	117	70	43	4	405	59	69	166	22	85	—	4
25 to 34 years	181	156	13	12	112	35	29	36	—	7	—	5
35 to 44 years	491	395	70	26	109	35	14	42	12	6	—	—
45 to 64 years	316	208	41	67	33	16	10	7	—	—	—	—
65 years and over	41.5	41.1	54.6	52.5	26.7	30.7	27.2	25.6	24.9	24.5	24.0	27.7
Median age												
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 794	1 576	123	95	3 171	783	434	1 336	112	403	57	46
1975 to 1978	3 710	3 290	232	188	1 011	226	192	470	26	69	5	23
1970 to 1974	1 379	1 211	69	99	93	32	12	6	19	19	—	5
1960 to 1969	1 372	1 302	46	24	53	34	6	13	—	—	—	—
1959 or earlier	1 325	1 288	37	—	47	32	8	7	—	—	—	—
ROOMS												
1 room	5	—	5	—	18	6	—	12	—	—	—	—
2 rooms	15	10	—	5	152	23	6	56	27	31	—	9
3 rooms	165	86	51	28	437	70	82	91	43	104	28	19
4 rooms	949	591	123	235	2 258	230	300	1 363	65	260	21	19
5 rooms	1 843	1 598	148	97	747	253	169	216	16	72	6	15
6 rooms	1 437	1 364	63	10	326	195	41	47	—	24	7	12
7 or more rooms	5 166	5 018	117	31	437	330	54	47	6	—	—	—
Median	6.8	7.0	5.0	4.2	4.2	5.4	4.3	4.1	3.6	3.9	3.6	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	9 580	8 667	507	406	4 346	1 107	644	1 819	157	483	62	74
0.50 or less	4 948	4 376	308	264	1 729	433	193	811	53	202	27	10
0.51 to 1.00	4 110	3 821	152	137	2 202	548	407	846	104	231	19	47
1.01 to 1.50	463	416	42	5	368	112	36	143	—	44	16	17
1.51 or more	59	54	5	—	47	14	8	19	—	6	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	29	—	8	13	—	8	—	—
0.50 or less	—	—	—	—	—	—	—	7	—	8	—	—
0.51 to 1.00	—	—	—	—	14	—	8	6	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	9	4	5	—	27	6	—	12	—	—	—	9
1	112	68	14	30	537	110	83	131	57	121	28	7
2	1 753	1 201	275	277	2 727	363	357	1 571	68	305	24	39
3	3 874	3 649	134	91	755	353	186	100	28	65	10	13
4	2 298	2 243	51	4	262	208	26	18	4	—	—	6
5 or more	1 534	1 502	28	4	67	67	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	544	434	52	58	655	125	66	315	32	90	5	22
\$5,000 to \$9,999	783	581	90	112	1 176	268	182	488	45	159	7	27
\$10,000 to \$12,499	685	546	79	60	674	133	107	322	39	63	—	10
\$12,500 to \$14,999	686	601	56	29	546	111	116	231	—	70	18	—
\$15,000 to \$19,999	1 689	1 567	58	64	604	176	81	267	13	54	13	—
\$20,000 to \$24,999	1 666	1 563	55	48	368	164	28	111	17	39	9	—
\$25,000 to \$34,999	2 201	2 072	102	27	268	91	44	86	11	11	10	15
\$35,000 to \$49,999	978	962	12	4	59	27	21	6	—	5	—	—
\$50,000 or more	348	341	3	4	25	12	7	6	—	—	—	—
Median	\$21 104	\$21 780	\$13 951	\$11 375	\$11 322	\$13 119	\$11 822	\$10 877	\$10 096	\$9 883	\$15 357	\$7 500
Mean	\$23 038	\$23 474	\$16 850	\$21 450	\$12 701	\$14 746	\$13 630	\$11 650	\$11 837	\$10 947	\$16 504	\$10 218
SELECTED CHARACTERISTICS												
Heating equipment	9 580	8 667	507	406	4 375	1 107	652	1 832	157	491	62	74
Steam or hot water system	120	111	9	—	100	27	29	17	8	19	—	—
Central warm-air furnace or electric heat pump	8 892	8 052	477	363	3 652	924	545	1 548	128	398	35	74
Other built-in electric units	206	191	10	5	296	18	51	148	—	52	27	—
Floor, wall, or pipeless furnace	51	51	—	—	103	42	13	27	14	7	—	—
Other means	311	262	11	38	224	96	14	92	7	15	—	—
Air conditioning	4 956	4 269	334	353	2 188	377	210	1 023	104	363	49	62
Central system	3 016	2 500	261	255	1 226	204	140	463	91	260	22	46
Vehicles available	9 452	8 574	499	379	4 185	1 077	638	1 718	157	459	62	74
1	1 956	1 588	156	212	2 196	451	338	919	86	326	32	44
2 or more	7 496	6 986	343	167	1 989	626	300	799	71	133	30	30
House heating fuel	9 580	8 667	507	406	4 375	1 107	652	1 832	157	491	62	74
Utility gas	9 082	8 227	470	385	3 772	1 048	551	1 566	125	388	20	74
Bottled, tank, or LP gas	26	21	5	—	50	14	6	19	4	7	—	—
Electricity	365	317	32	16	527	34	95	242	18	96	42	—
Fuel oil, kerosene, etc.	22	17	—	5	5	—	—	5	—	—	—	—
Other	85	85	—	—	21	11	—	—	10	—	—	—
Water heating fuel	9 580	8 667	507	406	4 375	1 107	652	1 832	157	491	62	74
Utility gas	8 776	8 007	412	357	3 708	973	561	1 570	123	381	30	70
Bottled, tank, or LP gas	77	72	5	—	68	25	6	18	4	10	5	—
Electricity	722	583	90	49	589	109	85	244	20	100	27	4
Fuel oil, kerosene, etc.	5	5	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	10	—	—	—	10	—	—	—
Family householder	8 601	7 937	391	273	3 593	975	550	1 525	89	358	37	59
With own children under 18 years	5 956	5 634	180	142	2 467	729	411	992	47	220	13	55
With own children under 6 years	3 892	3 646	131	115	2 144	555	372	896	47	206	13	55
Female householder, no husband present	457	365	72	20	521	108	104	201	24	75	—	9
With own children under 18 years	288	244	39	5	421	72	97	148	20	75	—	9
With own children under 6 years	91	65	26	—	312	41	70	111	20	61	—	9
Nonfamily householder	979	730	116	133	782	132	102	307	68	133	25	15
Income in 1979 below poverty level	601	520	46	35	986	231	103	420	39	147	18	28
Percent below poverty level	6.3	6.0	9.1	8.6	22.5	20.9	15.8	22.9	24.8	29.9	29.0	37.8

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	9 580	893	2 039	1 424	1 701	1 353	1 031	569	570	3.76	38 349
Nonrelatives present	239	—	28	75	26	29	28	10	43	4.13	1 203
ROOMS											
1 to 3 rooms	185	70	48	13	35	13	6	—	—	1.97	450
4 rooms	949	275	320	139	122	59	21	13	—	2.12	2 490
5 rooms	1 843	249	550	359	345	183	92	43	22	2.84	5 605
6 rooms	1 437	107	372	284	234	214	151	27	48	3.34	5 074
7 rooms	1 371	79	270	218	282	206	157	99	60	3.92	5 759
8 or more rooms	3 795	113	479	411	683	678	604	387	440	4.81	18 971
Median	6.8	4.9	5.8	6.2	6.9	7.5	7.9	8.5	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	9 580	893	2 039	1 424	1 701	1 353	1 031	569	570	3.76	38 349
1.00 or less	9 058	893	2 034	1 424	1 666	1 281	912	486	362	3.61	34 532
1.01 to 1.50	463	—	—	—	35	59	113	70	186	6.85	3 444
1.51 or more	59	—	5	—	—	13	6	13	22	6.92	373
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—
1.00 or less	—	—	—	—	—	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	8 667	665	1 736	1 257	1 583	1 307	1 018	550	551	3.93	35 441
2 or more	507	95	179	97	53	42	13	13	15	2.39	1 725
Mobile home or trailer, etc.	406	133	124	70	65	4	—	6	4	2.06	1 183
VALUE											
Specified owner-occupied housing units	8 209	623	1 611	1 208	1 503	1 237	979	517	531	3.94	33 222
Less than \$10,000	20	—	20	—	—	—	—	—	—	2.00	32
\$10,000 to \$19,999	64	10	27	8	19	—	—	—	—	2.31	126
\$20,000 to \$29,999	126	24	52	32	18	—	—	—	—	2.25	219
\$30,000 to \$39,999	326	51	93	78	35	46	17	6	—	2.74	915
\$40,000 to \$49,999	976	128	257	150	153	108	119	29	32	3.19	3 114
\$50,000 to \$59,999	1 528	133	326	258	279	257	148	50	77	3.67	5 853
\$60,000 to \$79,999	3 366	238	566	431	653	547	434	242	255	4.19	14 497
\$80,000 to \$99,999	1 037	22	155	175	164	174	164	100	83	4.51	4 767
\$100,000 to \$149,999	618	9	81	70	151	94	79	83	51	4.49	2 881
\$150,000 or more	148	8	34	6	31	11	18	7	33	4.34	818
Median	\$64 900	\$57 100	\$60 800	\$62 600	\$65 300	\$67 600	\$69 300	\$75 200	\$71 800	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	9 580	893	2 039	1 424	1 701	1 353	1 031	569	570	3.76	38 349
Median income	\$21 104	\$8 968	\$19 047	\$21 712	\$22 295	\$23 382	\$22 038	\$22 594	\$24 464	...	...
Median selected monthly owner costs as percentage of household income	20.6	26.0	13.1	19.5	23.4	21.7	22.3	23.6	21.8	...	...
With a mortgage	23.3	24.2	19.5	23.9	25.6	22.9	23.3	24.5	22.1	...	...
Not mortgaged	10—	27.0	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	601	154	74	43	95	66	48	54	67	3.81	...
Median income	\$3 963	\$3 218	\$2500—	\$3 672	\$3 750	\$5 658	\$6 333	\$5 455	\$9 271	...	...
Median selected monthly owner costs as percentage of household income	50+	42.2	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	40.5	40.6	44.3	12.5	—	22.5	50+	22.5	50+	...	...
Renter-occupied housing units	4 375	427	1 353	1 168	675	373	248	59	72	2.85	13 667
Nonrelatives present	476	—	240	103	73	22	32	—	6	2.49	1 388
ROOMS											
1 room	18	7	11	—	—	—	—	—	—	1.68	34
2 rooms	152	32	89	26	—	5	—	—	—	1.99	289
3 rooms	437	116	182	98	26	11	—	4	—	2.06	972
4 rooms	2 258	196	829	690	371	96	76	—	—	2.65	6 314
5 rooms	747	58	127	188	165	105	64	29	11	3.50	2 788
6 rooms	326	18	90	65	41	39	45	6	22	3.35	1 284
7 or more rooms	437	—	25	101	72	117	63	20	39	4.68	1 986
Median	4.2	3.8	4.0	4.2	4.3	5.2	5.3	5.4	6.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	4 346	427	1 338	1 168	669	373	240	59	72	2.85	13 591
1.00 or less	3 931	427	1 327	1 142	643	261	100	20	11	2.69	11 075
1.01 to 1.50	368	—	—	26	26	96	140	35	45	5.76	2 220
1.51 or more	47	—	11	—	—	16	—	4	16	5.28	296
Locking complete plumbing for exclusive use	29	—	15	—	6	—	8	—	—	2.47	76
1.00 or less	29	—	15	—	6	—	8	—	—	2.47	76
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	1 107	88	223	236	198	157	112	36	57	3.53	4 394
2	652	56	159	237	70	72	36	7	15	2.97	1 980
3 and 4	1 832	180	676	484	318	108	56	10	—	2.62	5 126
5 to 9	157	22	70	35	19	5	6	—	—	2.31	397
10 to 49	491	66	189	136	63	21	10	6	—	2.45	1 294
50 or more	62	9	23	14	—	—	16	—	—	2.46	187
Mobile home or trailer, etc.	74	6	13	26	7	10	12	—	—	3.19	289
GROSS RENT											
Specified renter-occupied housing units	4 332	420	1 342	1 156	671	373	244	59	67	2.85	13 476
Less than \$100	26	5	5	10	6	—	—	—	—	2.80	61
\$100 to \$149	179	50	47	51	20	—	11	—	—	2.34	526
\$150 to \$199	587	105	220	175	27	44	16	—	—	2.36	1 497
\$200 to \$249	1 915	178	773	542	298	64	56	—	4	2.51	5 120
\$250 to \$299	645	57	151	168	147	94	23	—	5	3.18	2 127
\$300 to \$349	296	5	35	81	70	29	45	23	8	3.89	1 342
\$350 to \$399	228	—	36	46	37	53	36	12	8	4.36	847
\$400 to \$499	256	—	24	47	54	49	32	24	26	4.56	1 068
\$500 or more	80	—	10	12	4	19	25	—	10	5.24	429
No cash rent	120	20	41	24	8	21	—	—	6	2.48	459
Median	\$236	\$212	\$224	\$233	\$247	\$283	\$318	\$377	\$421	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	4 375	427	1 353	1 168	675	373	248	59	72	2.85	13 667
Median income	\$11 322	\$10 894	\$11 207	\$10 890	\$11 809	\$10 910	\$14 043	\$9 464	\$14 583	...	...
Median gross rent as percentage of household income	26.6	24.3	24.1	26.2	27.5	32.4	29.4	47.5	39.7	...	...
Income in 1979 below poverty level	986	82	245	229	172	124	74	34	26	3.22	...
Median income	\$4 142	\$2 670	\$3 741	\$3 573	\$4 091	\$6 226	\$6 061	\$7 976	\$10 000	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Orem city	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		
	Total	439	2 406	2 044	2 397	769	46	121	55	74	109	15	117	181	491	316	41.5				
Owner-occupied housing units																					
PERSONS IN UNIT																					
1 person																					
2 persons																					
3 persons																					
4 persons																					
5 persons																					
6 or more persons																					
Median																					
Total persons																					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use																					
1.01 or more persons per room																					
Lacking complete plumbing for exclusive use																					
1.01 or more persons per room																					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units																					
With a mortgage																					
Less than 15 percent																					
15 to 19 percent																					
20 to 24 percent																					
25 to 29 percent																					
30 to 34 percent																					
35 percent or more																					
Not computed																					
Median																					
Not mortgaged																					
Less than 10 percent																					
10 to 14 percent																					
15 to 19 percent																					
20 to 24 percent																					
25 to 29 percent																					
30 to 34 percent																					
35 percent or more																					
Not computed																					
Median																					
Renter-occupied housing units																					
PERSONS IN UNIT																					
1 person																					
2 persons																					
3 persons																					
4 persons																					
5 persons																					
6 or more persons																					
Median																					
Total persons																					
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use																					
1.01 or more persons per room																					
Lacking complete plumbing for exclusive use																					
1.01 or more persons per room																					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units																					
Less than 15 percent																					
15 to 19 percent																					
20 to 24 percent																					
25 to 29 percent																					
30 to 34 percent																					
35 to 49 percent																					
50 percent or more																					
Not computed																					
Median																					

Table B—11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	893	295	33	93	48	32	89	598	4	4	15	276	299
PLUMBING FACILITIES													
Complete plumbing for exclusive use	893	295	33	93	48	32	89	598	4	4	15	276	299
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	665	230	25	83	32	24	66	435	4	—	15	215	201
2 or more	95	21	—	—	5	4	12	74	—	—	—	43	31
Mobile home or trailer, etc.	133	44	8	10	11	4	11	89	—	4	—	18	67
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	302	59	7	11	—	—	41	243	—	—	—	63	180
\$5,000 to \$9,999	199	37	—	4	—	—	33	162	4	—	—	92	66
\$10,000 to \$12,499	105	29	—	18	—	11	—	76	—	4	—	47	25
\$12,500 to \$14,999	46	20	12	8	—	—	—	26	—	—	—	7	19
\$15,000 to \$19,999	98	50	6	15	12	12	5	48	—	—	10	29	9
\$20,000 to \$24,999	81	57	8	21	18	—	10	24	—	—	5	19	—
\$25,000 to \$34,999	25	10	—	4	6	—	—	15	—	—	—	15	—
\$35,000 to \$49,999	27	27	—	6	12	9	—	—	—	—	—	—	—
\$50,000 or more	10	6	—	6	—	—	—	4	—	—	—	4	—
Median	\$8 968	\$16 042	\$14 479	\$17 292	\$21 667	\$18 542	\$5 515	\$7 716	\$8 750	\$11 250	\$19 375	\$9 441	\$4 554
Mean	\$15 338	\$16 800	\$14 501	\$20 023	\$24 489	\$22 771	\$7 990	\$14 617	\$9 005	\$11 005	\$18 902	\$23 720	\$6 123
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	623	197	25	73	32	16	51	426	—	—	15	215	196
With a mortgage	264	139	25	63	32	9	10	125	—	—	15	85	25
Less than \$200	14	—	—	—	—	—	—	14	—	—	—	6	8
\$200 to \$249	21	7	—	7	—	—	—	14	—	—	—	14	—
\$250 to \$299	41	9	—	9	—	—	—	32	—	—	—	25	7
\$300 to \$349	37	15	—	6	—	9	—	22	—	—	—	22	—
\$350 to \$399	59	43	—	14	19	—	10	16	—	—	10	6	—
\$400 to \$499	47	36	6	17	13	—	—	11	—	—	5	6	—
\$500 to \$599	29	19	13	6	—	—	—	10	—	—	—	—	10
\$600 to \$749	16	10	6	4	—	—	—	6	—	—	—	6	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$366	\$395	\$550	\$384	\$392	\$325	\$375	\$306	—	—	\$388	\$295	\$282
Not mortgaged	359	58	—	10	—	7	41	301	—	—	—	130	171
Less than \$50	19	10	—	10	—	—	—	9	—	—	—	—	9
\$50 to \$74	47	16	—	—	—	—	16	31	—	—	—	7	24
\$75 to \$99	81	9	—	—	—	—	9	72	—	—	—	27	45
\$100 to \$124	121	13	—	—	—	7	6	108	—	—	—	54	54
\$125 to \$149	56	10	—	—	—	—	10	46	—	—	—	14	32
\$150 to \$199	26	—	—	—	—	—	—	26	—	—	—	19	7
\$200 to \$249	9	—	—	—	—	—	—	9	—	—	—	9	—
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$107	\$83	—	\$50	—	\$113	\$88	\$109	—	—	—	\$114	\$103
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.0	23.9	50+	21.5	18.3	10—	26.9	27.3	—	—	23.8	22.8	30.8
With a mortgage	24.2	23.1	50+	22.9	18.3	10—	22.5	26.9	—	—	23.8	22.9	50+
Not mortgaged	27.0	26.2	—	10—	—	12.5	27.9	27.4	—	—	—	22.8	29.9
Income in 1979 below poverty level	154	33	7	6	—	—	20	121	—	—	—	47	74
Percent below poverty level	17.2	11.2	21.2	6.5	—	—	22.5	20.2	—	—	—	17.0	24.7
Renter-occupied housing units	427	199	67	68	18	43	3	228	40	99	12	44	33
PLUMBING FACILITIES													
Complete plumbing for exclusive use	427	199	67	68	18	43	3	228	40	99	12	44	33
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	88	53	21	11	6	15	—	35	—	13	6	—	16
2	56	31	17	5	—	6	3	25	8	—	—	7	10
3 and 4	180	59	22	32	—	5	—	121	20	65	6	23	7
5 to 9	22	14	—	—	6	8	—	8	—	—	—	8	—
10 to 49	66	27	7	20	—	—	—	39	12	21	—	6	—
50 or more	9	9	—	—	—	9	—	—	—	—	—	—	—
Mobile home or trailer, etc.	6	6	—	—	6	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	98	38	24	5	6	—	3	60	28	—	—	14	18
\$5,000 to \$9,999	74	19	14	5	—	—	—	55	—	29	—	16	10
\$10,000 to \$12,499	116	46	25	7	6	8	—	70	12	39	—	14	5
\$12,500 to \$14,999	44	18	4	14	—	—	—	26	—	20	6	—	—
\$15,000 to \$19,999	30	19	—	10	—	9	—	11	—	11	—	—	—
\$20,000 to \$24,999	59	53	—	27	6	20	—	6	—	—	6	—	—
\$25,000 to \$34,999	6	6	—	—	—	6	—	—	—	—	—	—	—
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$10 894	\$12 310	\$8 393	\$15 750	\$11 250	\$20 804	\$3 750	\$9 914	\$2 500	\$11 314	\$17 500	\$7 500	\$4 659
Mean	\$10 843	\$13 536	\$7 697	\$16 183	\$11 902	\$19 858	\$3 105	\$8 492	\$4 505	\$10 989	\$17 208	\$6 461	\$5 374
GROSS RENT													
Specified renter-occupied housing units	420	192	60	68	18	43	3	228	40	99	12	44	33
Less than \$100	5	5	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	50	29	7	10	6	6	—	21	14	7	—	—	—
\$150 to \$199	105	53	6	18	12	17	—	52	—	26	6	8	12
\$200 to \$249	178	67	36	22	—	9	—	111	26	57	6	22	—
\$250 to \$299	57	24	—	13	—	11	—	33	—	9	—	14	10
\$300 to \$349	5	5	—	5	—	—	—	—	—	—	—	—	—
\$350 to \$399	—	—	—	—	—	—	—	—	—	—	—	—	—
\$400 to \$499	—	—	—	—	—	—	—	—	—	—	—	—	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	20	9	6	—	—	—	3	11	—	—	—	—	11
Median	\$212	\$204	\$216	\$219	\$165	\$198	—	\$216	\$210	\$213	\$207	\$236	\$198
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	24.3	18.1	27.8	15.9	17.5	13.2	—	28.9	50+	23.7	17.0	34.0	42.0
Income in 1979 below poverty level	82	27	13	5	6	—	3	55	28	—	—	14	13
Percent below poverty level	19.2	13.6	19.4	7.4	33.3	—	100.0	24.1	70.0	—	—	31.8	39.4

Table B—12. **Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city					Orem city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	393	209	137	47	Vacant for rent housing units	284	155	111	18
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	—	—	—	—
4 rooms	144	98	46	—	2 rooms	—	—	—	—
5 rooms	56	30	6	20	3 rooms	43	26	17	—
6 rooms	94	22	62	10	4 rooms	145	88	57	—
7 rooms	35	19	4	12	5 rooms	28	10	—	18
8 or more rooms	64	40	19	5	6 rooms	48	31	17	—
Median	5.4	4.7	5.8	5.8	7 or more rooms	20	—	20	—
					Median	4.2	4.1	4.2	5.0
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	389	205	137	47	Complete plumbing for exclusive use	284	155	111	18
Lacking complete plumbing for exclusive use	4	4	—	—	Lacking complete plumbing for exclusive use	—	—	—	—
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	—	—	—	—
1	—	—	—	—	1	26	26	—	—
2	154	103	46	5	2	169	95	74	—
3	151	57	62	32	3	73	31	24	18
4	66	44	12	10	4	16	3	13	—
5 or more	22	5	17	—	5 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	340	175	118	47	1975 to March 1980	—	—	—	—
1970 to 1974	—	—	—	—	1970 to 1974	74	40	34	—
1960 to 1969	6	6	—	—	1960 to 1969	85	38	29	18
1950 to 1959	22	15	7	—	1950 to 1959	35	28	7	—
1940 to 1949	25	13	12	—	1940 to 1949	57	27	30	—
1939 or earlier	—	—	—	—	1939 or earlier	28	22	6	—
					Median	5	—	5	—
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	268	111	110	47	1, detached or attached	112	64	48	—
2 or more	125	98	27	—	2	60	36	6	18
Mobile home or trailer	—	—	—	—	3 and 4	89	46	43	—
					5 to 9	4	4	—	—
HEATING EQUIPMENT					10 to 49	19	5	14	—
Central heating system	393	209	137	47	50 or more	—	—	—	—
Other means	—	—	—	—	Mobile home or trailer	—	—	—	—
None	—	—	—	—					
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	268	111	110	47	Specified vacant for rent housing units	284	155	111	18
Less than \$10,000	—	—	—	—	Less than \$100	4	4	—	—
\$10,000 to \$19,999	5	5	—	—	\$100 to \$149	37	14	23	—
\$20,000 to \$29,999	7	—	7	—	\$150 to \$199	142	89	53	—
\$30,000 to \$39,999	17	—	12	5	\$200 to \$249	48	20	28	—
\$40,000 to \$49,999	10	10	—	—	\$250 to \$299	25	—	7	18
\$50,000 to \$59,999	6	—	6	—	\$300 to \$399	28	28	—	—
\$60,000 to \$79,999	118	48	40	30	\$400 or more	—	—	—	—
\$80,000 to \$99,999	81	36	33	12	Median	—	—	—	—
\$100,000 or more	24	12	12	—					
Median	\$74 100	\$73 100	\$75 500	\$72 500		\$188	\$184	\$190	\$288

Table B—13. **Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Orem city		Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
		Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----		268	—	12	27	205	24	74 100	284	4	179	73	28	—	188
PLUMBING FACILITIES															
Complete plumbing for exclusive use -----		264	—	12	27	201	24	74 200	284	4	179	73	28	—	188
Lacking complete plumbing for exclusive use -----		4	—	—	—	4	—	72 500	—	—	—	—	—	—	—
BEDROOMS															
None -----		—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----		—	—	—	—	—	—	—	26	4	22	—	—	—	137
2 -----		29	—	7	17	5	—	37 200	169	—	135	27	7	—	184
3 -----		151	—	5	4	124	18	73 900	73	—	9	46	18	—	281
4 -----		66	—	—	6	54	6	84 000	16	—	13	—	3	—	166
5 or more -----		22	—	—	—	22	—	93 500	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT															
1975 to March 1980 -----		215	—	—	9	182	24	76 900	74	—	60	10	4	—	192
1970 to 1974 -----		—	—	—	—	—	—	—	85	—	54	28	3	—	187
1960 to 1969 -----		6	—	—	6	—	—	42 500	35	—	21	—	14	—	165
1950 to 1959 -----		22	—	12	—	10	—	27 100	57	—	27	30	—	—	206
1940 to 1949 -----		25	—	—	12	13	—	60 200	28	4	17	—	7	—	156
1939 or earlier -----		—	—	—	—	—	—	—	5	—	—	5	—	—	213
UNITS IN STRUCTURE															
1, detached or attached -----		268	—	12	27	205	24	74 100	112	—	60	35	17	—	190
2 or more -----		...	...	...	...	...	...	...	172	4	119	38	11	—	184
Mobile home or trailer -----		...	...	...	...	...	...	...	—	—	—	—	—	—	—

Table C-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Provo city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	6 804	14	49	158	484	1 106	1 176	1 821	854	720	422	63 800	75 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 501	8	17	97	304	801	938	1 503	769	661	403	67 000	79 300
15 to 24 years	172	—	—	—	6	75	49	21	15	6	—	51 000	55 400
25 to 34 years	1 040	—	6	—	62	240	238	270	109	72	43	58 900	69 400
35 to 44 years	961	—	—	—	28	80	170	264	149	163	107	75 400	89 100
45 to 64 years	2 241	—	5	38	75	203	359	634	387	315	225	73 000	87 900
65 years and over	1 087	8	6	59	133	203	122	314	109	105	28	60 600	65 800
Male householder, no wife present	249	—	6	23	65	64	28	36	18	5	4	43 600	51 500
15 to 24 years	11	—	—	—	—	4	—	—	7	—	—	92 100	75 900
25 to 34 years	48	—	—	5	17	14	4	8	—	—	—	41 400	43 700
35 to 44 years	17	—	—	—	—	—	8	5	4	—	—	60 500	65 400
45 to 64 years	59	—	6	—	23	8	10	—	—	4	4	40 300	55 900
65 years and over	114	—	—	18	25	38	8	13	7	5	—	43 000	48 100
Female householder, no husband present	1 054	6	26	38	115	241	210	282	67	54	15	54 300	59 500
15 to 24 years	25	—	—	—	—	8	—	4	6	7	—	90 800	81 100
25 to 34 years	100	—	6	—	14	5	40	29	—	6	—	55 600	55 700
35 to 44 years	109	—	—	—	5	25	18	25	10	11	15	61 700	85 100
45 to 64 years	251	—	—	—	16	63	54	75	33	10	—	58 000	62 100
65 years and over	569	6	20	38	80	140	98	149	18	20	—	50 100	53 100
Median age	51.8	85+	66.3	69.3	64.7	53.3	48.3	52.5	49.7	49.6	47.6	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	843	—	6	12	25	147	189	231	55	60	118	62 600	83 300
1975 to 1978	1 803	—	11	5	102	283	319	400	277	275	131	66 800	80 700
1970 to 1974	982	—	12	15	61	87	135	274	191	129	78	75 400	84 400
1960 to 1969	1 407	—	9	19	87	141	191	477	225	190	68	68 600	79 000
1959 or earlier	1 769	14	11	107	209	448	342	439	106	66	27	52 100	57 600
ROOMS													
1 to 3 rooms	89	8	17	17	18	6	4	19	—	—	—	30 700	33 700
4 rooms	734	—	20	62	168	267	112	86	13	6	—	43 500	45 500
5 rooms	1 179	—	—	49	162	321	326	232	66	19	4	51 500	54 700
6 rooms	1 122	—	6	19	71	257	273	405	31	44	16	57 400	60 900
7 rooms	1 043	—	6	11	51	139	228	378	122	96	12	63 700	68 900
8 or more rooms	2 637	6	—	—	14	116	233	701	622	555	390	87 900	102 600
Median	6.8	3.4	3.9	4.5	4.8	5.4	6.0	6.9	8.5+	8.5+	8.5+	...	...
BEDROOMS													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	145	—	12	23	63	34	4	9	—	—	—	35 400	35 900
2	1 534	14	31	102	245	463	254	334	45	42	4	47 800	51 700
3	2 331	—	—	28	141	419	591	685	252	155	60	59 700	67 100
4	1 608	—	6	5	30	150	285	525	217	294	96	70 500	84 100
5 or more	1 186	—	—	—	5	40	42	268	340	229	262	94 500	114 200
YEAR STRUCTURE BUILT													
1975 to March 1980	1 213	—	—	—	13	63	236	271	168	236	226	82 600	102 400
1970 to 1974	740	—	17	—	52	21	89	167	183	122	89	82 600	94 600
1960 to 1969	1 336	—	9	16	12	119	129	512	234	229	76	73 300	84 900
1950 to 1959	1 166	—	6	5	48	170	223	401	180	106	27	65 800	71 000
1940 to 1949	1 128	—	—	63	139	407	255	210	32	18	4	48 900	52 100
1939 or earlier	1 221	14	17	74	220	326	244	260	57	9	—	48 800	51 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	460	—	12	34	47	118	65	98	43	28	15	52 600	61 300
\$5,000 to \$9,999	771	—	26	44	109	237	145	159	20	15	16	48 700	54 500
\$10,000 to \$12,499	580	—	—	22	127	114	134	119	32	26	6	51 500	55 900
\$12,500 to \$14,999	476	—	6	21	30	136	92	136	43	12	—	54 000	58 000
\$15,000 to \$19,999	995	14	—	11	84	118	246	345	110	67	—	61 200	63 900
\$20,000 to \$24,999	869	—	—	11	32	159	191	245	127	73	31	62 900	71 700
\$25,000 to \$34,999	1 248	—	5	9	46	113	184	383	202	243	63	72 800	83 300
\$35,000 to \$49,999	884	—	—	6	—	97	93	252	174	130	132	79 500	96 300
\$50,000 or more	521	—	—	—	9	14	26	84	103	126	159	107 900	127 200
Median	\$20 633	\$16 250	\$6 563	\$10 114	\$11 693	\$14 044	\$18 309	\$20 852	\$27 851	\$29 531	\$40 688	...	...
Mean	\$24 656	\$15 441	\$8 897	\$12 291	\$14 298	\$17 116	\$20 708	\$23 533	\$30 141	\$34 629	\$50 798	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 106	—	12	22	157	591	719	1 196	574	505	330	67 600	81 100
Less than 15 percent	1 355	—	—	10	53	173	179	462	226	165	87	70 300	80 300
15 to 19 percent	827	—	—	—	21	83	160	252	121	97	93	72 100	87 600
20 to 24 percent	423	—	—	6	15	71	69	129	47	70	16	65 800	76 800
25 to 29 percent	378	—	—	—	33	59	93	81	39	45	28	60 500	78 200
30 to 34 percent	293	—	—	—	9	51	85	74	16	49	9	60 200	74 400
35 percent or more	806	—	12	6	26	154	128	188	125	79	88	66 600	81 200
Not computed	24	—	—	—	—	—	5	10	—	—	9	77 000	106 800
Median	19.1	—	45.0	20.8	21.5	22.8	21.3	17.6	17.5	19.5	19.0	...	...
Not mortgaged	2 698	14	37	136	327	515	457	625	280	215	92	55 200	66 100
Less than 10 percent	1 551	14	5	59	181	253	263	313	224	168	71	60 000	72 000
10 to 14 percent	467	—	—	20	88	109	68	126	32	13	11	51 300	58 300
15 to 19 percent	237	—	11	30	11	69	59	50	7	—	—	49 600	49 500
20 to 24 percent	161	—	6	12	34	33	18	39	5	14	—	49 200	56 000
25 to 29 percent	97	—	15	—	6	29	21	26	—	—	—	49 300	49 000
30 to 34 percent	47	—	—	15	—	—	—	22	6	—	4	65 500	72 800
35 percent or more	110	—	—	—	7	22	28	33	—	20	—	59 500	66 800
Not computed	28	—	—	—	—	—	—	16	6	—	6	78 800	115 400
Median	10—	10—	22.1	12.2	10—	10.2	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	6 804	14	49	158	484	1 106	1 176	1 821	854	720	422	63 800	75 200
1.01 or more persons per room	286	—	5	7	25	81	54	70	7	15	22	55 500	67 600
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	6 804	14	49	158	484	1 106	1 176	1 821	854	720	422	63 800	75 200
Central heating system	6 529	14	43	116	457	1 022	1 044	1 747	848	720	418	64 600	76 200
Air conditioning	3 815	—	32	43	168	474	603	995	542	560	398	71 100	86 100
Central system	2 366	—	20	17	72	161	275	574	417	454	376	83 200	99 500
Income in 1979 below poverty level	388	—	6	18	38	70	45	95	61	28	27	62 200	72 900
Percent below poverty level	5.7	—	12.2	11.4	7.9	6.3	3.8	5.2	7.1	3.9	6.4	...	...

Table C-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	11 220	1 642	1 514	3 025	1 968	656	570	451	828	286	280	184
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	5 261	71	864	2 231	1 195	287	189	117	75	74	158	180
15 to 24 years	2 481	50	503	1 239	480	84	42	18	—	—	65	169
25 to 34 years	2 310	14	336	920	588	153	97	53	45	24	80	187
35 to 44 years	202	—	18	22	60	19	24	22	12	25	—	276
45 to 64 years	155	7	—	14	32	26	17	24	10	25	—	299
65 years and over	113	—	7	36	35	5	9	—	8	—	13	215
Male householder, no wife present	2 298	585	290	223	299	178	151	175	294	67	36	205
15 to 24 years	1 344	384	139	101	94	110	89	147	229	46	5	219
25 to 34 years	657	156	71	84	120	63	48	24	60	21	10	205
35 to 44 years	127	19	24	11	49	5	14	—	5	—	—	210
45 to 64 years	67	6	26	13	22	—	—	—	—	—	—	153
65 years and over	103	20	30	14	14	—	—	4	—	—	21	128
Female householder, no husband present	3 661	986	360	571	474	191	230	159	459	145	86	187
15 to 24 years	2 147	786	147	193	177	77	137	130	387	108	5	179
25 to 34 years	731	87	104	180	111	56	61	25	65	32	10	197
35 to 44 years	173	7	14	53	48	27	17	—	7	—	—	210
45 to 64 years	241	9	37	49	65	31	15	4	—	—	31	204
65 years and over	369	97	58	96	73	—	—	—	—	5	40	158
Median age	24.7	22.9	24.8	24.9	26.8	26.4	25.6	23.7	23.0	24.6	29.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	8 283	1 212	1 053	2 330	1 414	489	426	368	650	226	115	185
1975 to 1978	2 471	388	334	605	487	148	137	79	167	60	66	187
1970 to 1974	257	24	59	68	50	19	7	—	4	—	26	170
1960 to 1969	136	10	62	10	9	—	—	4	7	—	34	132
1959 or earlier	73	8	6	12	8	—	—	—	—	—	39	165
ROOMS												
1 room	195	38	69	54	9	—	10	—	—	10	5	145
2 rooms	698	114	211	231	63	36	6	12	—	—	25	152
3 rooms	2 550	302	633	1 221	212	10	50	40	15	—	67	160
4 rooms	4 361	592	353	1 181	1 283	344	203	125	180	47	53	201
5 rooms	2 339	474	171	262	296	164	167	167	454	86	79	239
6 rooms	633	87	61	61	48	79	49	68	103	56	21	283
7 or more rooms	444	35	16	15	57	23	66	39	76	87	30	346
Median	4.0	4.1	3.3	3.5	4.0	4.3	4.6	4.8	5.0	5.5	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	11 220	1 642	1 514	3 025	1 968	656	570	451	828	286	280	184
Complete plumbing for exclusive use	10 966	1 560	1 472	2 991	1 936	642	529	442	828	286	280	185
0.50 or less	2 809	267	356	914	716	176	112	25	53	50	140	190
0.51 to 1.00	6 012	656	932	1 791	1 077	400	347	259	319	122	109	181
1.01 to 1.50	1 810	549	131	187	97	60	60	145	441	114	26	211
1.51 or more	335	88	53	99	46	6	10	13	15	—	5	159
Lacking complete plumbing for exclusive use	254	82	42	34	32	14	41	9	—	—	—	163
0.50 or less	72	23	—	6	14	14	15	—	—	—	—	225
0.51 to 1.00	164	47	42	28	18	—	20	9	—	—	—	141
1.01 to 1.50	12	12	—	—	—	—	—	—	—	—	—	68
1.51 or more	6	—	—	—	—	—	6	—	—	—	—	325
Income in 1979 below poverty level	4 166	992	508	895	507	192	264	168	474	109	57	173
Complete plumbing for exclusive use	4 054	951	501	883	498	192	230	159	474	109	57	173
1.01 or more persons per room	1 247	399	73	157	89	40	40	71	306	72	—	191
Lacking complete plumbing for exclusive use	112	41	7	12	9	—	34	9	—	—	—	173
1.01 or more persons per room	18	12	—	—	—	—	6	—	—	—	—	73
BEDROOMS												
None	262	51	76	83	14	3	10	—	—	10	15	148
1	2 816	279	853	1 291	224	33	6	32	4	—	94	158
2	5 190	547	397	1 524	1 555	449	283	132	185	19	99	202
3	2 505	735	119	112	149	157	240	256	533	156	48	291
4	333	24	61	9	17	14	31	24	84	59	10	361
5 or more	114	6	8	6	9	—	—	7	22	42	14	464
UNITS IN STRUCTURE												
1, detached or attached	1 949	138	181	373	355	190	176	159	113	116	148	227
2	1 900	219	372	436	419	187	86	76	40	27	38	188
3 and 4	1 349	164	279	436	282	66	38	32	34	14	4	173
5 to 9	1 229	125	198	481	234	34	52	43	54	4	4	174
10 to 49	3 336	690	328	892	518	140	162	110	356	75	65	179
50 or more	1 229	288	108	283	141	30	51	26	231	50	21	178
Mobile home or trailer, etc.	228	18	48	124	19	9	5	5	—	—	—	157
YEAR STRUCTURE BUILT												
1975 to March 1980	2 294	345	127	500	596	118	109	97	210	156	36	212
1970 to 1974	1 854	303	87	544	407	135	71	56	205	32	14	197
1960 to 1969	2 612	358	306	693	379	114	218	152	311	55	26	193
1950 to 1959	1 712	302	268	475	200	142	68	108	42	35	72	174
1940 to 1949	1 279	158	334	371	202	82	13	11	45	8	55	159
1939 or earlier	1 469	176	392	442	184	65	91	27	15	—	77	162
STORIES IN STRUCTURE												
1 to 3	11 067	1 602	1 495	3 005	1 909	653	570	451	822	280	280	184
4 or more	153	40	19	20	59	3	—	—	6	—	—	196
With elevator	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	2 561	1 296	489	323	248	78	33	21	54	19	...	99
15 to 19 percent	1 406	110	258	458	260	111	34	62	79	34	...	185
20 to 24 percent	1 573	61	175	559	358	116	87	78	93	46	...	198
25 to 29 percent	1 199	51	119	438	238	82	59	60	128	24	...	198
30 to 34 percent	957	41	139	349	124	53	81	28	135	7	...	187
35 to 49 percent	1 586	44	166	480	329	69	115	127	189	67	...	213
50 percent or more	1 568	36	142	412	394	134	145	75	150	80	...	219
Not computed	370	3	26	6	17	13	16	—	—	9	280	218
Median	24.6	10—	19.9	26.9	27.3	26.0	34.0	30.8	32.2	35.9	...	...
SELECTED CHARACTERISTICS												
Heating equipment	11 212	1 634	1 514	3 025	1 968	656	570	451	828	286	280	184
Central heating system	10 443	1 594	1 308	2 670	1 869	639	536	445	828	286	268	188
Air conditioning	5 158	938	371	1 039	958	359	272	230	647	222	122	209
Central system	3 219	682	194	484	489	257	189	153	478	194	99	218

Table C—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	8 815	653	1 205	796	648	1 315	1 090	1 500	1 023	585	19 194	23 213	584
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	6 928	224	642	592	541	1 059	949	1 394	973	554	22 030	26 104	274
15 to 24 years	440	23	126	86	66	70	26	37	6	—	12 064	13 730	32
25 to 34 years	1 336	69	89	143	167	344	207	207	87	23	17 857	19 602	106
35 to 44 years	1 125	32	13	43	54	175	258	299	169	82	24 781	29 213	41
45 to 64 years	2 593	48	82	100	72	250	307	714	618	402	30 838	34 609	42
65 years and over	1 434	52	332	220	182	220	151	137	93	47	14 052	18 141	53
Male householder, no wife present	390	37	100	66	9	80	45	31	7	15	12 197	16 034	49
15 to 24 years	31	—	8	—	4	—	19	—	—	—	21 250	17 407	20
25 to 34 years	97	—	24	19	—	23	11	10	7	3	18 098	18 999	—
35 to 44 years	28	—	—	5	—	8	5	6	—	4	20 500	29 128	—
45 to 64 years	84	11	18	5	5	18	10	9	—	8	15 938	17 407	17
65 years and over	150	26	50	37	—	31	—	6	—	—	9 911	10 619	12
Female householder, no husband present	1 497	392	463	138	98	176	96	75	43	16	8 895	11 705	261
15 to 24 years	44	10	8	12	8	6	—	—	—	—	10 833	9 313	21
25 to 34 years	150	24	26	19	30	17	—	19	15	—	13 000	15 616	24
35 to 44 years	149	28	35	18	21	35	—	12	—	—	11 597	11 875	39
45 to 64 years	383	51	90	34	15	61	70	24	22	16	15 110	16 771	50
65 years and over	771	279	304	55	24	57	26	20	6	—	6 915	8 532	127
Median age	51.5	66.7	68.5	56.2	41.4	43.7	45.9	49.4	50.1	52.4	...	...	51.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 340	124	164	206	140	231	178	147	88	62	15 989	20 282	169
1975 to 1978	2 410	95	218	221	209	425	320	437	327	158	20 535	24 747	127
1970 to 1974	1 286	47	174	59	101	175	169	279	167	115	22 417	25 975	53
1960 to 1969	1 642	105	158	68	85	242	150	404	264	166	25 346	28 002	91
1959 or earlier	2 137	282	491	242	113	242	273	233	177	84	13 684	17 980	144
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	8 794	653	1 192	796	648	1 311	1 090	1 496	1 023	585	19 219	23 236	584
1.01 or more persons per room	340	18	20	11	31	79	71	63	24	23	20 917	26 089	34
Lacking complete plumbing for exclusive use	21	—	13	—	—	4	—	4	—	—	8 438	13 852	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	8 815	653	1 205	796	648	1 315	1 090	1 500	1 023	585	19 194	23 213	584
Central heating system	8 435	599	1 117	729	582	1 266	1 060	1 489	1 020	573	19 696	23 649	533
Air conditioning	5 307	365	680	424	374	738	611	1 013	658	444	20 533	24 803	361
Central system	3 410	178	396	203	242	410	396	664	532	389	23 500	27 922	188
Vehicles available	8 508	466	1 113	789	643	1 307	1 082	1 500	1 023	585	19 754	23 842	486
1	2 472	278	696	382	263	399	180	212	30	32	11 715	14 178	249
2 or more	6 036	188	417	407	380	908	902	1 288	993	553	23 913	27 799	237
House heating fuel	8 815	653	1 205	796	648	1 315	1 090	1 500	1 023	585	19 194	23 213	584
Utility gas	8 488	625	1 154	753	615	1 269	1 070	1 435	1 008	559	19 326	23 223	557
Bottled, tank, or LP gas	61	20	21	20	—	—	—	—	—	—	8 125	7 800	20
Electricity	193	—	22	12	12	39	14	56	12	26	24 219	30 563	7
Fuel oil, kerosene, etc.	28	8	4	—	—	7	—	9	—	—	15 714	14 648	—
Other	45	—	4	11	21	—	6	—	3	—	13 393	16 007	—
Median rooms	6.3	4.8	4.9	5.2	5.4	6.2	6.7	7.5	8.1	8.5+	...	...	5.1
Specified owner-occupied housing units	6 804	460	771	580	476	995	869	1 248	884	521	20 633	24 656	388
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	4 106	160	161	292	307	675	581	902	696	332	23 740	27 615	201
Less than \$200	357	32	26	58	18	71	55	53	38	6	17 743	20 584	19
\$200 to \$249	481	19	23	35	41	105	109	80	50	19	20 858	23 274	29
\$250 to \$299	490	—	13	23	45	55	73	146	109	26	26 273	28 249	6
\$300 to \$349	505	38	38	52	44	85	57	105	68	18	19 116	22 861	45
\$350 to \$399	435	25	26	26	32	75	50	103	62	36	22 375	27 107	25
\$400 to \$499	704	—	11	48	78	159	84	183	120	21	21 918	24 972	—
\$500 to \$599	490	18	6	22	41	76	95	100	95	37	23 750	27 623	30
\$600 to \$749	258	14	6	21	8	28	17	63	52	49	29 167	36 814	14
\$750 or more	386	14	12	7	—	21	41	69	102	120	32 221	44 171	33
Median	\$375	\$338	\$324	\$329	\$359	\$364	\$347	\$383	\$420	\$609	...	...	\$353
Not mortgaged	2 698	300	610	288	169	320	288	346	188	189	14 734	20 154	187
Less than \$50	33	—	13	8	—	—	—	12	—	—	11 094	15 786	—
\$50 to \$74	331	69	121	46	29	30	15	15	6	—	9 244	11 159	34
\$75 to \$99	783	91	230	139	54	100	50	51	44	24	11 268	15 377	41
\$100 to \$124	697	79	129	36	30	86	109	127	46	55	19 331	21 371	59
\$125 to \$149	526	49	96	48	37	60	79	54	64	39	16 964	22 829	41
\$150 to \$199	187	6	10	11	6	31	35	49	12	27	24 141	26 210	6
\$200 to \$249	84	—	6	—	13	7	—	23	16	19	29 250	37 688	—
\$250 or more	57	6	5	—	—	6	—	15	—	25	32 775	55 262	6
Median	\$107	\$97	\$94	\$91	\$101	\$109	\$118	\$119	\$124	\$135	...	...	\$108
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	4 106	160	161	292	307	675	581	902	696	332	23 740	27 615	201
Less than 15 percent	1 355	—	—	29	10	99	194	392	406	225	33 616	38 472	—
15 to 19 percent	827	—	3	29	34	126	108	267	167	93	28 192	32 024	—
20 to 24 percent	423	—	11	7	41	109	72	143	37	3	21 783	23 856	9
25 to 29 percent	378	—	6	51	63	91	106	17	33	11	18 962	21 171	6
30 to 34 percent	293	—	18	39	30	118	43	29	16	—	18 024	18 614	—
35 percent or more	806	136	123	137	129	132	58	54	37	—	12 636	13 927	162
Not computed	24	24	—	—	—	—	—	—	—	—	2500—	—	24
Median	19.1	50+	44.5	33.8	30.9	25.2	19.5	16.1	13.2	10.2	...	...	50+
Not mortgaged	2 698	300	610	288	169	320	288	346	188	189	14 734	20 154	187
Less than 10 percent	1 551	—	66	157	102	248	281	320	188	189	23 700	28 919	—
10 to 14 percent	467	—	214	107	54	59	7	26	—	—	10 456	12 014	—
15 to 19 percent	237	48	150	19	13	7	—	—	—	—	7 840	7 789	11
20 to 24 percent	161	24	126	5	—	6	—	—	—	—	6 228	6 421	23
25 to 29 percent	97	64	33	—	—	—	—	—	—	—	4 395	4 626	31
30 to 34 percent	47	37	10	—	—	—	—	—	—	—	4 088	4 620	6
35 percent or more	110	99	11	—	—	—	—	—	—	—	3 514	3 324	88
Not computed	28	28	—	—	—	—	—	—	—	—	2500—	—	28
Median	10—	30.0	15.8	10—	10—	10—	10—	10—	10—	10—	...	...	40.3

Table C—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Provo city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	11 268	1 888	3 738	1 631	1 062	1 446	718	531	223	31	10 012	11 769	4 166
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 292	750	2 327	895	408	464	258	127	43	20	8 973	10 403	1 283
15 to 24 years	2 481	373	1 246	466	154	169	54	13	—	6	8 238	8 976	544
25 to 34 years	2 317	306	982	344	219	245	144	57	20	—	9 256	10 620	651
35 to 44 years	226	31	23	39	20	46	23	37	—	7	15 000	16 506	42
45 to 64 years	155	17	19	24	8	—	37	20	23	7	21 583	22 420	23
65 years and over	113	23	57	22	7	4	—	—	—	—	8 665	8 598	23
Male householder, no wife present	2 298	328	421	220	241	396	302	227	157	6	14 367	15 908	886
15 to 24 years	1 344	156	256	130	128	268	169	140	97	—	15 037	16 249	684
25 to 34 years	657	63	113	67	81	101	99	82	45	6	15 187	17 247	128
35 to 44 years	127	21	10	17	16	16	34	5	8	—	14 922	16 576	21
45 to 64 years	67	25	13	6	16	7	—	—	—	—	6 635	8 428	18
65 years and over	103	63	29	—	—	4	—	—	7	—	4 413	6 962	35
Female householder, no husband present	3 678	810	990	516	413	586	158	177	23	5	10 189	11 149	1 997
15 to 24 years	2 153	261	530	339	327	431	125	131	9	—	12 105	12 695	1 428
25 to 34 years	731	201	240	89	30	87	33	32	14	5	7 855	10 384	286
35 to 44 years	177	70	28	30	32	17	—	—	—	—	8 681	8 812	75
45 to 64 years	241	50	82	52	17	40	—	—	—	—	9 413	9 571	50
65 years and over	376	228	110	6	7	11	—	14	—	—	4 296	5 900	158
Median age	24.7	26.8	24.6	24.3	24.2	24.0	25.3	24.6	25.6	29.3	...	...	23.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	8 324	1 356	2 796	1 193	784	1 099	588	321	161	26	10 021	11 689	3 189
1975 to 1978	2 471	380	758	408	253	293	127	185	62	5	10 597	12 561	845
1970 to 1974	257	56	99	18	18	38	3	25	—	—	8 948	10 986	59
1960 to 1969	143	60	62	4	7	10	—	—	—	—	5 898	6 790	50
1959 or earlier	73	36	23	8	—	6	—	—	—	—	5 083	6 660	23
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	11 014	1 816	3 665	1 620	1 055	1 386	694	524	223	31	10 040	11 810	4 054
0.50 or less	2 816	778	968	349	211	299	99	59	40	13	8 232	9 832	697
0.51 to 1.00	6 046	943	2 107	1 016	599	618	407	235	108	13	9 933	11 483	2 110
1.01 to 1.50	1 817	84	454	210	204	423	175	195	67	5	14 467	15 612	1 109
1.51 or more	335	11	136	45	41	46	13	35	8	—	11 139	13 714	138
Lacking complete plumbing for exclusive use	254	72	73	11	7	60	24	7	—	—	7 412	10 019	112
0.50 or less	72	37	7	—	7	21	—	—	—	—	4 886	7 521	37
0.51 to 1.00	164	29	62	11	—	31	24	7	—	—	8 594	11 247	57
1.01 to 1.50	12	—	4	—	—	8	—	—	—	—	15 625	13 225	12
1.51 or more	6	6	—	—	—	—	—	—	—	—	2500—	—	6
SELECTED CHARACTERISTICS													
Heating equipment	11 260	1 880	3 738	1 631	1 062	1 446	718	531	223	31	10 018	11 775	4 166
Central heating system	10 491	1 688	3 391	1 554	1 011	1 400	673	525	218	31	10 268	11 981	3 943
Air conditioning	5 175	626	1 485	780	601	809	350	339	154	31	11 527	13 377	1 998
Central system	3 236	369	858	526	337	508	256	236	128	18	11 858	14 047	1 319
Vehicles available	10 314	1 459	3 417	1 549	1 001	1 399	718	517	223	31	10 454	12 219	3 597
1	5 539	1 171	2 503	920	397	340	119	61	22	6	7 944	8 764	1 846
2 or more	4 775	288	914	629	604	1 059	599	456	201	25	14 803	16 227	1 751
House heating fuel	11 260	1 880	3 738	1 631	1 062	1 446	718	531	223	31	10 018	11 775	4 166
Utility gas	9 134	1 597	2 955	1 423	786	1 117	611	434	185	26	10 026	11 712	3 085
Bottled, tank, or LP gas	124	45	47	5	—	7	13	—	7	—	6 518	9 565	68
Electricity	1 825	214	624	193	259	308	94	97	31	5	10 965	12 530	940
Fuel oil, kerosene, etc.	68	1	45	7	6	9	—	—	—	—	8 846	9 711	7
Other	109	23	67	3	11	5	—	—	—	—	8 545	8 128	66
Median rooms	4.0	3.6	3.8	4.0	4.2	4.4	4.5	4.8	5.1	6.8	...	...	4.1
Specified renter-occupied housing units	11 220	1 888	3 725	1 620	1 062	1 439	708	524	223	31	9 996	11 749	4 166
CONTRACT RENT													
Less than \$100	2 085	367	494	273	242	332	157	172	48	—	11 662	13 065	1 183
\$100 to \$149	2 424	614	1 118	345	139	120	44	38	6	—	7 321	8 269	801
\$150 to \$199	3 061	560	1 265	425	292	300	151	34	28	6	8 756	9 980	774
\$200 to \$249	1 149	165	322	244	125	135	95	45	18	—	10 897	11 892	287
\$250 to \$299	528	57	136	107	46	101	45	33	3	—	11 659	12 755	194
\$300 to \$349	432	29	90	53	49	110	50	30	15	6	14 745	15 522	195
\$350 to \$399	317	—	73	53	7	88	47	39	10	—	15 839	16 776	163
\$400 to \$499	744	9	79	65	121	188	99	92	77	14	17 554	20 608	422
\$500 or more	200	23	25	16	6	52	14	41	18	5	17 963	19 468	90
No cash rent	280	64	123	39	35	13	6	—	—	—	8 074	8 356	57
Median	\$162	\$146	\$155	\$170	\$174	\$188	\$199	\$213	\$328	\$425	...	...	\$153
GROSS RENT													
Less than \$100	1 642	287	368	194	212	280	131	128	42	—	12 139	13 303	992
\$100 to \$149	1 514	381	589	213	117	99	47	62	6	—	7 936	9 283	508
\$150 to \$199	3 025	619	1 501	426	180	186	65	30	12	6	7 793	8 773	895
\$200 to \$249	1 968	341	623	327	257	202	155	41	22	—	10 153	10 868	507
\$250 to \$299	656	73	137	125	47	153	63	50	8	—	12 360	13 689	192
\$300 to \$349	570	72	153	109	59	105	25	28	13	6	11 376	12 832	264
\$350 to \$399	451	7	88	100	28	90	93	32	13	—	15 093	16 085	168
\$400 to \$499	828	18	113	60	111	254	102	92	78	—	16 728	18 956	474
\$500 or more	286	26	30	27	16	57	21	61	29	19	18 984	22 429	109
No cash rent	280	64	123	39	35	13	6	—	—	—	8 074	8 356	57
Median	\$184	\$165	\$171	\$194	\$201	\$229	\$237	\$255	\$383	\$500+	...	...	\$173
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	2 561	19	319	323	384	574	408	333	170	31	17 133	19 121	784
15 to 19 percent	1 406	64	244	362	213	261	111	98	53	—	12 887	15 011	224
20 to 24 percent	1 573	29	618	337	200	190	116	83	—	—	11 035	12 610	179
25 to 29 percent	1 199	51	657	204	58	159	60	10	—	—	9 176	10 435	241
30 to 34 percent	957	88	571	105	38	148	7	—	—	—	7 341	8 812	355
35 to 49 percent	1 586	411	749	204	128	94	—	—	—	—	6 658	7 682	890
50 percent or more	1 568	1 072	444	46	6	—	—	—	—	—	3 938	4 141	1 346
Not computed	370	154	123	39	35	13	6	—	—	—	6 250	6 191	147
Median	24.6	50+	29.7	21.6	18.0	17.7	13.6	11.7	10.8	10—	...	...	38.5

Table C—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	4 106	357	481	490	505	435	704	490	258	386	375
PERSONS IN UNIT											
1 person	143	37	31	13	7	14	16	10	8	7	263
2 persons	692	108	106	65	108	78	80	84	17	46	331
3 persons	600	73	38	66	91	73	108	88	34	29	372
4 persons	766	58	112	100	70	81	160	95	38	52	377
5 persons	739	23	108	83	113	92	134	98	44	44	373
6 persons	511	20	44	89	47	44	88	51	59	69	410
7 persons	338	32	20	50	39	18	61	31	32	55	414
8 or more persons	317	6	22	24	30	35	57	33	26	84	477
Median	4.31	2.96	4.08	4.51	4.16	4.15	4.42	4.16	5.23	5.72	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	3 673	283	421	441	461	387	641	443	233	363	380
15 to 24 years	144	—	14	22	32	18	49	9	—	—	361
25 to 34 years	970	28	75	61	162	126	241	142	59	76	414
35 to 44 years	916	46	105	137	87	72	183	102	66	118	406
45 to 64 years	1 424	154	166	192	162	167	158	166	103	156	361
65 years and over	219	55	61	29	18	4	10	24	5	13	245
Male householder, no wife present	68	8	19	—	10	—	16	—	8	7	335
15 to 24 years	11	—	4	—	—	—	—	—	—	—	750+
25 to 34 years	32	—	7	—	6	—	11	—	8	—	438
35 to 44 years	17	—	8	—	4	—	5	—	—	—	306
45 to 64 years	—	—	—	—	—	—	—	—	—	—	—
65 years and over	8	8	—	—	—	—	—	—	—	—	125
Female householder, no husband present	365	66	41	49	34	48	47	47	17	16	339
15 to 24 years	17	—	—	—	4	—	—	6	—	7	575
25 to 34 years	88	19	—	—	5	19	21	18	6	—	406
35 to 44 years	89	5	11	—	25	8	7	13	11	9	372
45 to 64 years	123	14	26	44	—	15	19	5	—	—	274
65 years and over	48	28	4	5	—	6	—	5	—	—	189
Median age	42.2	52.1	46.2	46.4	38.3	42.4	36.3	39.3	39.0	42.7	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	772	25	33	14	61	78	200	144	76	141	491
1975 to 1978	1 530	35	91	142	227	217	308	224	121	165	414
1970 to 1974	732	52	117	135	112	53	136	65	24	38	328
1960 to 1969	849	150	174	199	83	64	56	52	29	42	275
1959 or earlier	223	95	66	—	22	23	4	5	8	—	213
ROOMS											
1 to 3 rooms	31	—	6	—	—	9	11	—	—	5	404
4 rooms	303	67	74	34	48	18	44	12	—	6	265
5 rooms	589	66	65	65	128	63	103	62	30	7	338
6 rooms	571	71	36	76	103	74	106	80	25	—	350
7 rooms	652	49	63	95	66	89	131	78	37	44	380
8 or more rooms	1 960	104	237	220	160	182	309	258	166	324	424
Median	7.4	6.1	7.4	7.2	6.2	7.1	7.2	7.6	8.5+	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980	1 072	6	11	48	87	116	270	170	118	246	499
1970 to 1974	588	21	42	82	74	50	125	80	64	50	415
1960 to 1969	896	45	152	169	102	118	120	102	46	42	340
1950 to 1959	654	109	104	78	91	72	71	77	19	33	320
1940 to 1949	519	118	80	73	70	60	81	26	11	—	292
1939 or earlier	377	58	92	40	81	19	37	35	—	15	298
VALUE											
Less than \$10,000	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999	12	6	—	—	—	—	6	—	—	—	275
\$20,000 to \$29,999	22	5	6	11	—	—	—	—	—	—	250
\$30,000 to \$39,999	157	63	34	14	24	8	9	5	—	—	223
\$40,000 to \$49,999	591	89	78	75	130	71	99	49	—	—	321
\$50,000 to \$59,999	719	89	85	91	83	97	184	72	18	—	356
\$60,000 to \$79,999	1 196	105	215	171	135	113	171	166	76	44	340
\$80,000 to \$99,999	574	—	44	90	91	71	112	82	52	32	394
\$100,000 to \$149,999	505	—	14	30	42	57	91	100	48	123	518
\$150,000 or more	330	—	5	8	—	18	32	16	64	187	750+
Median	\$67 600	\$51 200	\$62 400	\$65 700	\$61 200	\$68 500	\$66 000	\$73 400	\$95 900	\$148 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 355	262	286	311	164	129	104	37	42	20	271
15 to 19 percent	827	40	103	79	85	92	185	119	38	86	407
20 to 24 percent	423	11	22	45	72	60	65	76	53	19	402
25 to 29 percent	378	6	28	42	56	39	88	58	17	44	420
30 to 34 percent	293	6	5	7	39	31	98	62	14	31	475
35 percent or more	806	27	37	6	89	84	164	133	94	172	498
Not computed	24	5	—	—	—	—	—	5	—	14	750+
Median	19.1	11.4	13.6	13.1	20.2	19.8	24.8	25.9	24.6	32.7	...
SELECTED CHARACTERISTICS											
Heating equipment	4 106	357	481	490	505	435	704	490	258	386	375
Steam or hot water system	135	7	12	22	19	27	—	27	10	11	364
Central warm-air furnace or electric heat pump	3 708	308	433	453	438	378	637	448	238	375	379
Other built-in electric units	55	6	4	—	6	6	23	—	10	—	451
Floor, wall, or pipeless furnace	89	25	14	5	14	18	6	7	—	—	302
Other means	119	11	18	10	28	6	38	8	—	—	337
Air conditioning	2 336	164	275	304	241	235	360	228	183	346	389
Central system	1 528	72	158	203	106	157	243	131	147	311	425
1 or more individual room units	808	92	117	101	135	78	117	97	36	35	335
House heating fuel	4 106	357	481	490	505	435	704	490	258	386	375
Utility gas	3 979	331	477	480	493	429	681	470	242	370	374
Bottled, tank, or LP gas	20	20	—	—	—	—	—	—	—	—	175
Electricity	91	6	4	—	6	—	23	14	16	16	504
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—
Other	16	—	—	10	6	—	—	—	—	—	290

Table C—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	2 698	33	331	783	697	526	187	84	57	107
PERSONS IN UNIT										
1 person -----	648	—	199	215	127	87	15	—	5	90
2 persons -----	1 273	28	99	406	332	255	91	50	12	108
3 persons -----	329	—	11	68	137	72	4	34	3	116
4 persons -----	212	—	10	40	57	40	36	—	29	125
5 persons -----	82	5	—	27	4	27	11	—	8	130
6 persons -----	64	—	5	—	13	28	18	—	—	138
7 persons -----	57	—	—	21	7	17	12	—	—	126
8 or more persons -----	33	—	7	6	20	—	—	—	—	104
Median -----	2.05	2.09	1.33	1.93	2.17	2.19	2.36	2.34	3.79	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 828	27	110	516	492	411	145	84	43	113
15 to 24 years -----	28	7	—	15	6	—	—	—	—	87
25 to 34 years -----	70	—	—	23	17	18	6	—	6	118
35 to 44 years -----	45	—	—	11	14	14	6	—	—	121
45 to 64 years -----	817	5	33	187	230	207	91	40	24	120
65 years and over -----	868	15	77	280	225	172	42	44	13	107
Male householder, no wife present -----	181	—	85	34	32	30	—	—	—	79
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	16	—	16	—	—	—	—	—	—	63
35 to 44 years -----	—	—	—	—	—	—	—	—	—	—
45 to 64 years -----	59	—	19	—	28	12	—	—	—	109
65 years and over -----	106	—	50	34	4	18	—	—	—	77
Female householder, no husband present -----	689	6	136	233	173	85	42	—	14	97
15 to 24 years -----	8	—	—	8	—	—	—	—	—	88
25 to 34 years -----	12	—	—	12	—	—	—	—	—	88
35 to 44 years -----	20	—	—	—	6	8	—	—	—	138
45 to 64 years -----	128	—	6	45	34	17	23	—	6	110
65 years and over -----	521	6	130	168	133	60	19	—	5	94
Median age -----	66.5	67.8	72.3	68.6	65.5	64.1	59.8	65.5	54.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	71	—	23	7	27	—	—	—	14	105
1975 to 1978 -----	273	27	10	37	81	52	35	13	18	119
1970 to 1974 -----	250	—	20	76	68	42	28	11	5	111
1960 to 1969 -----	558	—	31	117	151	158	78	20	3	122
1959 or earlier -----	1 546	6	247	546	370	274	46	40	17	99
ROOMS										
1 to 3 rooms -----	58	—	26	32	—	—	—	—	—	77
4 rooms -----	431	19	111	169	86	40	6	—	—	88
5 rooms -----	590	6	92	197	155	103	32	—	5	100
6 rooms -----	551	8	67	159	153	108	22	28	6	107
7 rooms -----	391	—	35	93	119	111	20	7	6	114
8 or more rooms -----	677	—	—	133	184	164	107	49	40	128
Median -----	6.0	4.4	4.8	5.5	6.2	6.6	7.8	8.0	8.5+	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	141	8	—	7	52	28	16	9	21	128
1970 to 1974 -----	152	5	17	13	48	25	28	11	5	121
1960 to 1969 -----	440	7	12	56	132	149	68	13	3	127
1950 to 1959 -----	512	—	27	116	141	152	39	15	22	120
1940 to 1949 -----	609	7	71	278	136	70	18	29	—	95
1939 or earlier -----	844	6	204	313	188	102	18	7	6	92
VALUE										
Less than \$10,000 -----	14	—	—	14	—	—	—	—	—	88
\$10,000 to \$19,999 -----	37	5	11	6	9	6	—	—	—	85
\$20,000 to \$29,999 -----	136	—	78	22	31	5	—	—	—	72
\$30,000 to \$39,999 -----	327	8	81	184	48	6	—	—	—	85
\$40,000 to \$49,999 -----	515	7	99	221	129	38	12	9	—	92
\$50,000 to \$59,999 -----	457	6	39	164	115	117	11	—	5	104
\$60,000 to \$79,999 -----	625	7	16	135	207	190	44	20	6	119
\$80,000 to \$99,999 -----	280	—	—	30	98	82	64	6	—	129
\$100,000 to \$149,999 -----	215	—	7	7	47	78	48	14	14	140
\$150,000 or more -----	92	—	—	—	13	4	8	35	32	230
Median -----	\$55 200	\$42 500	\$39 200	\$47 500	\$61 600	\$69 400	\$89 800	\$125 000	\$179 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 551	26	201	426	442	268	116	44	28	107
10 to 14 percent -----	467	7	43	166	81	100	44	14	12	105
15 to 19 percent -----	237	—	59	55	41	56	6	20	—	103
20 to 24 percent -----	161	—	10	66	39	35	5	—	6	103
25 to 29 percent -----	97	—	11	42	26	14	4	—	—	97
30 to 34 percent -----	47	—	—	13	24	4	—	6	—	111
35 percent or more -----	110	—	7	7	44	41	6	—	5	123
Not computed -----	28	—	—	8	—	8	6	—	6	144
Median -----	10—	10—	10—	10—	10—	10—	10—	10—	10—	...
SELECTED CHARACTERISTICS										
Heating equipment -----	2 698	33	331	783	697	526	187	84	57	107
Steam or hot water system -----	144	—	13	20	41	58	8	4	—	124
Central warm-air furnace or electric heat pump -----	2 214	33	226	626	609	423	175	71	51	109
Other built-in electric units -----	10	—	—	10	—	—	—	—	—	88
Floor, wall, or pipeless furnace -----	174	—	55	68	21	15	—	9	6	87
Other means -----	156	—	37	59	26	30	4	—	—	92
Air conditioning -----	1 479	26	136	377	384	304	127	73	52	113
Central system -----	838	20	26	150	228	227	93	42	52	124
1 or more individual room units -----	641	6	110	227	156	77	34	31	—	98
House heating fuel -----	2 698	33	331	783	697	526	187	84	57	107
Utility gas -----	2 606	26	316	765	677	514	187	75	46	107
Bottled, tank, or LP gas -----	14	—	6	8	—	—	—	—	—	78
Electricity -----	41	7	—	10	5	8	—	—	11	117
Fuel oil, kerosene, etc. -----	28	—	—	—	15	4	—	9	—	123
Other -----	9	—	9	—	—	—	—	—	—	63

Table C-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Provo city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	8 815	1 581	1 365	1 704	2 631	1 534	11 268	2 294	1 871	2 619	2 997	1 487
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 928	1 403	1 129	1 385	2 053	958	5 292	1 016	761	1 165	1 566	784
15 to 24 years	440	107	124	78	79	52	2 481	489	338	500	781	373
25 to 34 years	1 336	533	193	138	343	129	2 317	445	344	521	673	334
35 to 44 years	1 125	379	235	208	216	87	226	49	20	76	35	46
45 to 64 years	2 593	267	444	711	888	283	155	26	26	45	45	13
65 years and over	1 434	117	133	250	527	407	113	7	33	23	32	18
Male householder, no wife present	390	29	59	63	129	110	2 298	475	445	627	460	291
15 to 24 years	31	—	18	—	13	—	1 344	282	280	418	269	95
25 to 34 years	97	24	14	16	25	18	657	146	108	191	139	73
35 to 44 years	28	5	11	—	12	—	127	25	15	14	19	54
45 to 64 years	84	—	6	15	44	19	67	22	7	—	19	19
65 years and over	150	—	10	32	35	73	103	—	35	4	14	50
Female householder, no husband present	1 497	149	177	256	449	466	3 678	803	665	827	971	412
15 to 24 years	44	15	5	16	8	—	2 153	500	412	567	587	87
25 to 34 years	150	45	32	21	27	25	731	186	122	133	172	118
35 to 44 years	149	35	21	13	60	20	177	24	24	35	32	62
45 to 64 years	383	30	85	102	109	57	241	27	33	41	86	54
65 years and over	771	24	34	104	245	364	376	66	74	51	94	91
Median age	51.5	36.1	45.9	52.0	57.6	67.6	24.7	24.5	24.5	24.3	24.5	27.2
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 340	672	188	182	181	117	8 324	1 837	1 412	1 968	2 152	955
1975 to 1978	2 410	909	493	325	507	176	2 471	457	438	583	677	316
1970 to 1974	1 286	—	684	216	294	92	257	—	21	29	108	99
1960 to 1969	1 642	—	—	981	451	210	143	—	—	39	34	70
1959 or earlier	2 137	—	—	—	1 198	939	73	—	—	—	26	47
ROOMS												
1 room	—	—	—	—	—	—	195	22	24	23	83	43
2 rooms	34	7	—	12	11	4	698	73	147	157	172	149
3 rooms	179	14	34	23	18	90	2 550	294	406	554	822	474
4 rooms	1 233	111	243	174	382	323	4 361	939	710	1 150	1 171	391
5 rooms	1 765	277	238	311	596	343	2 360	706	439	507	449	259
6 rooms	1 412	263	189	135	477	348	643	203	65	96	151	128
7 or more rooms	4 192	909	661	1 049	1 147	426	461	57	80	132	149	43
Median	6.3	7.1	6.4	7.2	6.1	5.5	4.0	4.3	4.0	4.0	3.9	3.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 794	1 572	1 365	1 704	2 623	1 530	11 014	2 230	1 841	2 594	2 933	1 416
0.50 or less	5 363	760	709	990	1 736	1 168	2 816	561	488	513	749	505
0.51 to 1.00	3 091	741	609	639	802	300	6 046	1 202	988	1 448	1 650	758
1.01 to 1.50	305	62	38	70	79	56	1 817	426	309	544	427	111
1.51 or more	35	9	9	5	6	6	335	41	56	89	107	42
Lacking complete plumbing for exclusive use	21	9	—	—	8	4	254	64	30	25	64	71
0.50 or less	4	—	—	—	—	4	72	30	7	7	14	14
0.51 to 1.00	17	9	—	—	8	—	164	28	23	18	46	49
1.01 to 1.50	—	—	—	—	—	—	12	—	—	—	4	8
1.51 or more	—	—	—	—	—	—	6	6	—	—	—	—
PERSONS IN UNIT												
1 person	1 194	77	128	169	367	453	1 363	156	284	201	363	359
2 persons	2 705	351	372	513	888	581	2 898	554	438	581	871	454
3 persons	1 295	172	240	244	468	171	2 561	568	418	519	736	320
4 persons	1 215	274	222	231	348	140	1 967	400	304	656	425	182
5 persons	950	303	163	156	236	92	863	199	131	257	216	60
6 or more persons	1 456	404	240	391	324	97	1 616	417	296	405	386	112
Median	2.89	4.20	3.26	3.20	2.63	2.04	3.04	3.27	3.01	3.51	2.86	2.35
Total persons	30 491	6 807	5 177	6 626	8 308	3 573	37 197	8 108	6 181	9 431	9 427	4 050
UNITS IN STRUCTURE												
1, detached or attached	7 469	1 330	964	1 440	2 419	1 316	1 997	268	152	315	783	479
2	494	38	62	90	140	164	1 900	231	228	297	796	348
3 and 4	146	40	26	19	21	40	1 349	277	155	210	380	327
5 to 9	75	25	36	11	3	—	1 229	390	190	249	190	210
10 to 49	102	49	10	6	31	6	3 336	772	677	1 062	734	91
50 or more	8	—	—	—	—	—	1 229	350	357	399	97	26
Mobile home or trailer, etc.	521	99	267	138	17	8	228	6	112	87	17	6
SELECTED CHARACTERISTICS												
Heating equipment	8 815	1 581	1 365	1 704	2 631	1 534	11 268	2 294	1 871	2 619	2 997	1 479
Steam or hot water system	355	10	43	66	149	87	684	21	64	64	267	268
Central warm-air furnace or electric heat pump	7 676	1 478	1 255	1 551	2 257	1 135	8 788	1 788	1 590	2 400	2 209	801
Other built-in electric units	88	54	6	10	10	8	663	412	109	43	71	28
Floor, wall, or pipeless furnace	316	7	32	—	113	164	356	11	27	28	228	62
Other means	380	32	29	77	102	140	769	62	81	84	222	320
Air conditioning	5 307	1 089	1 059	1 164	1 320	675	5 175	1 500	1 322	1 285	790	278
Central system	3 410	856	828	900	639	187	3 236	957	871	806	513	89
1 or more individual room units	1 897	233	231	264	681	488	1 939	543	451	479	277	189
House heating fuel	8 815	1 581	1 365	1 704	2 631	1 534	11 268	2 294	1 871	2 619	2 997	1 479
Utility gas	8 488	1 462	1 323	1 667	2 544	1 492	9 134	1 484	1 559	2 218	2 501	1 372
Bottled, tank, or LP gas	61	3	20	5	20	13	124	27	35	17	34	11
Electricity	193	116	19	25	25	8	1 825	780	272	364	349	60
Fuel oil, kerosene, etc.	28	—	—	—	28	—	68	—	5	9	40	14
Other	45	—	3	7	14	21	109	3	—	11	73	22
Income in 1979 below poverty level	584	69	120	117	168	110	4 166	885	654	1 111	1 042	474
Percent below poverty level	6.6	4.4	8.8	6.9	6.4	7.2	37.0	38.6	35.0	42.4	34.8	31.9
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	653	53	83	91	219	207	1 888	289	279	419	536	365
\$5,000 to \$9,999	1 205	98	185	217	348	357	3 738	737	585	759	1 127	530
\$10,000 to \$12,499	796	131	91	132	242	200	1 631	299	312	376	408	236
\$12,500 to \$14,999	648	124	130	76	170	148	1 062	194	170	290	289	119
\$15,000 to \$19,999	1 315	264	171	201	479	200	1 446	380	282	330	324	130
\$20,000 to \$24,999	1 090	219	148	215	346	162	718	208	98	171	176	65
\$25,000 to \$34,999	1 500	298	266	374	426	136	531	142	97	171	84	37
\$35,000 to \$49,999	1 023	252	173	236	282	80	223	32	43	97	46	5
\$50,000 or more	585	142	118	162	119	44	31	13	5	6	7	—
Median	\$19 194	\$21 944	\$20 670	\$23 305	\$18 335	\$12 551	\$10 012	\$11 012	\$10 573	\$10 874	\$9 164	\$8 592
Mean	\$23 213	\$28 043	\$24 687	\$26 322	\$21 727	\$16 020	\$11 769	\$12 730	\$12 260	\$12 914	\$10 814	\$9 579

Table C—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	8 815	7 469	825	521	11 268	1 997	1 900	1 349	1 229	3 336	1 229	228
Condominium housing units	463	291	172	—	124	54	—	9	37	18	6	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	6 928	5 999	509	420	5 292	1 108	996	721	693	1 325	291	158
15 to 24 years	440	210	77	153	2 481	346	494	399	362	695	137	48
25 to 34 years	1 336	1 107	84	145	2 317	510	407	292	287	576	141	104
35 to 44 years	1 125	1 084	24	17	226	115	56	4	16	24	5	6
45 to 64 years	2 593	2 393	117	83	155	87	17	14	21	16	—	—
65 years and over	1 434	1 205	207	22	113	50	22	12	7	14	8	—
Male householder, no wife present	390	277	80	33	2 298	260	377	252	154	796	420	39
15 to 24 years	31	22	—	9	1 344	123	179	79	68	560	312	23
25 to 34 years	97	54	38	5	657	98	162	95	38	184	71	9
35 to 44 years	28	23	—	5	127	14	13	46	19	25	10	—
45 to 64 years	84	59	15	10	67	—	6	13	29	6	13	—
65 years and over	150	119	27	4	103	25	17	19	—	21	14	7
Female householder, no husband present	1 497	1 193	236	68	3 678	629	527	376	382	1 215	518	31
15 to 24 years	44	25	8	11	2 153	267	229	189	221	926	315	6
25 to 34 years	150	116	24	10	731	116	161	104	91	149	103	7
35 to 44 years	149	118	24	7	177	54	55	17	13	26	6	6
45 to 64 years	383	297	58	28	241	84	32	32	19	54	15	5
65 years and over	771	637	122	12	376	108	50	34	38	60	79	7
Median age	51.5	51.8	61.3	28.2	24.7	27.4	25.4	25.1	24.7	23.6	23.9	27.5
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 340	955	188	197	8 324	1 324	1 307	1 034	994	2 635	864	166
1975 to 1978	2 410	1 979	199	232	2 471	469	495	262	207	650	333	55
1970 to 1974	1 286	1 127	76	83	257	104	30	29	23	32	32	7
1960 to 1969	1 642	1 503	135	4	143	60	47	12	5	19	—	—
1959 or earlier	2 137	1 905	227	5	73	40	21	12	—	—	—	—
ROOMS												
1 room	—	—	—	—	195	12	13	33	5	92	34	6
2 rooms	34	10	7	17	698	52	73	121	141	151	130	30
3 rooms	179	91	43	45	2 550	250	451	431	330	719	306	63
4 rooms	1 233	818	199	216	4 361	602	824	576	472	1 477	320	90
5 rooms	1 765	1 310	265	190	2 360	547	298	152	220	741	369	33
6 rooms	1 412	1 237	138	37	643	224	165	25	58	115	50	6
7 or more rooms	4 192	4 003	173	16	461	310	76	11	3	41	20	—
Median	6.3	6.7	5.1	4.4	4.0	4.7	4.0	3.7	3.8	4.0	4.0	3.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 794	7 469	804	521	11 014	1 997	1 852	1 309	1 192	3 276	1 160	228
0.50 or less	5 363	4 514	611	238	2 816	692	527	421	320	557	253	46
0.51 to 1.00	3 091	2 653	173	265	6 046	1 033	1 102	703	718	1 836	521	133
1.01 to 1.50	305	270	20	15	1 817	225	165	143	138	760	356	30
1.51 or more	35	32	—	3	335	47	58	42	16	123	30	19
Lacking complete plumbing for exclusive use	21	—	21	—	254	—	48	40	37	60	69	—
0.50 or less	4	—	—	—	72	—	7	14	7	30	—	—
0.51 to 1.00	17	—	17	—	164	—	41	18	17	49	39	—
1.01 to 1.50	—	—	—	—	12	—	—	8	—	4	—	—
1.51 or more	—	—	—	—	6	—	—	—	6	—	—	—
BEDROOMS												
None	—	—	—	—	262	22	15	62	5	102	50	6
1	300	173	75	52	2 816	297	510	552	441	566	382	68
2	2 328	1 735	330	263	5 197	856	953	643	598	1 644	389	114
3	3 079	2 584	307	188	2 529	592	316	79	182	969	351	40
4	1 814	1 723	73	18	350	144	81	13	—	55	57	—
5 or more	1 294	1 254	40	—	114	86	25	—	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	653	527	74	52	1 888	327	346	285	195	446	223	66
\$5,000 to \$9,999	1 205	822	241	142	3 738	558	618	479	522	1 091	386	84
\$10,000 to \$12,499	796	623	58	115	1 631	305	306	189	156	505	140	30
\$12,500 to \$14,999	648	530	56	62	1 062	128	185	90	118	438	77	26
\$15,000 to \$19,999	1 315	1 108	123	84	1 446	303	186	146	129	483	193	6
\$20,000 to \$24,999	1 090	968	74	48	718	176	124	105	67	168	73	5
\$25,000 to \$34,999	1 500	1 376	106	18	531	132	94	41	36	122	102	4
\$35,000 to \$49,999	1 023	944	79	—	223	56	34	14	6	71	35	7
\$50,000 or more	585	571	14	—	31	12	7	—	—	12	—	—
Median	\$19 194	\$20 589	\$14 263	\$11 446	\$10 012	\$10 930	\$9 882	\$8 919	\$9 128	\$10 649	\$10 098	\$7 143
Mean	\$23 213	\$24 601	\$17 498	\$12 365	\$11 769	\$12 962	\$11 569	\$10 656	\$10 396	\$12 071	\$12 442	\$8 937
SELECTED CHARACTERISTICS												
Heating equipment	8 815	7 469	825	521	11 260	1 997	1 900	1 349	1 221	3 336	1 229	228
Steam or hot water system	355	317	30	8	684	71	86	121	162	198	40	6
Central warm-air furnace or electric heat pump	7 676	6 468	748	460	8 788	1 556	1 502	1 011	779	2 766	970	204
Other built-in electric units	88	79	9	—	663	40	51	11	185	214	156	6
Floor, wall, or pipeless furnace	316	275	28	13	356	155	75	45	28	47	6	—
Other means	380	330	10	40	769	175	186	161	67	111	57	12
Air conditioning	5 307	4 349	518	440	5 175	608	475	347	534	2 096	923	192
Central system	3 410	2 787	363	260	3 236	358	271	141	236	1 467	683	80
Vehicles available	8 508	7 220	774	514	10 314	1 871	1 804	1 196	1 134	3 003	1 084	222
1	2 472	1 855	367	250	5 539	875	1 062	784	679	1 512	462	165
2 or more	6 036	5 365	407	264	4 775	996	742	412	455	1 491	622	57
House heating fuel	8 815	7 469	825	521	11 260	1 997	1 900	1 349	1 221	3 336	1 229	228
Utility gas	8 488	7 210	793	485	9 134	1 845	1 726	1 198	926	2 429	807	203
Battled, tank, or LP gas	61	47	—	14	124	8	12	34	—	35	22	13
Electricity	193	153	25	15	1 825	126	152	99	274	789	379	6
Fuel oil, kerosene, etc.	28	28	—	—	68	10	7	18	13	20	—	—
Other	45	31	7	7	109	8	3	—	8	63	21	6
Water heating fuel	8 815	7 469	825	521	11 268	1 997	1 900	1 349	1 229	3 336	1 229	228
Utility gas	8 125	6 889	748	488	9 075	1 777	1 663	1 124	963	2 487	844	217
Battled, tank, or LP gas	64	36	14	14	215	19	36	37	20	55	42	6
Electricity	617	535	63	19	1 879	192	194	182	239	739	328	5
Fuel oil, kerosene, etc.	—	—	—	—	34	9	7	6	7	5	—	—
Other	9	9	—	—	65	—	—	—	—	50	15	—
Family householder	7 518	6 488	586	444	6 341	1 353	1 234	856	756	1 568	374	200
With own children under 18 years	3 939	3 494	192	253	3 740	903	834	390	395	920	169	129
With own children under 6 years	2 175	1 837	123	215	3 300	710	741	344	369	851	169	116
Female householder, no husband present	524	434	66	24	777	190	190	74	48	196	48	31
With own children under 18 years	285	238	29	18	493	133	157	31	48	85	20	19
With own children under 6 years	69	64	—	5	294	68	96	24	37	43	20	6
Nonfamily householder	1 297	981	239	77	4 927	644	666	493	473	1 768	855	28
Income in 1979 below poverty level	584	448	53	83	4 166	554	589	435	404	1 553	533	98
Percent below poverty level	6.6	6.0	6.4	15.9	37.0	27.7	31.0	32.2	32.9	46.6	43.4	43.0

Table C—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	8 815	1 194	2 705	1 295	1 215	950	631	413	412	2.89	30 491
Nonrelatives present	303	—	48	32	72	38	60	18	35	4.49	1 527
ROOMS											
1 to 3 rooms	213	93	62	36	7	15	—	—	—	1.72	422
4 rooms	1 233	402	448	187	127	43	20	—	6	1.98	2 703
5 rooms	1 765	324	755	240	232	125	57	24	8	2.24	4 721
6 rooms	1 412	177	514	209	217	168	72	35	20	2.57	4 399
7 rooms	1 234	119	396	192	202	157	55	78	35	3.03	4 201
8 or more rooms	2 958	79	530	431	430	442	427	276	343	4.52	14 045
Median	6.3	4.8	5.7	6.4	6.6	7.3	8.5+	8.5+	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	8 794	1 194	2 701	1 287	1 206	950	631	413	412	2.89	30 408
1.00 or less	8 454	1 194	2 701	1 287	1 199	892	554	354	273	2.76	27 959
1.01 to 1.50	305	—	—	—	7	43	77	59	119	6.93	2 233
1.51 or more	35	—	—	—	15	—	—	—	20	8.33	216
Lacking complete plumbing for exclusive use	21	—	4	8	9	—	—	—	—	3.31	83
1.00 or less	21	—	4	8	9	—	—	—	—	3.31	83
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	7 469	893	2 194	1 025	1 042	905	615	413	382	3.13	26 600
2 or more	825	227	333	132	91	10	9	—	23	2.06	2 306
Mobile home or trailer, etc.	521	74	178	138	82	35	7	—	7	2.56	1 585
VALUE											
Specified owner-occupied housing units	6 804	791	1 965	929	978	821	575	395	350	3.20	24 065
Less than \$10,000	14	—	6	8	—	—	—	—	—	2.63	31
\$10,000 to \$19,999	49	32	6	6	—	5	—	—	—	1.27	97
\$20,000 to \$29,999	158	56	43	37	10	5	—	—	7	2.03	379
\$30,000 to \$39,999	484	136	201	49	42	30	—	26	—	2.03	1 082
\$40,000 to \$49,999	1 106	181	385	155	150	116	57	41	21	2.47	3 162
\$50,000 to \$59,999	1 176	119	399	190	219	137	34	58	20	2.87	3 716
\$60,000 to \$79,999	1 821	207	514	207	277	244	179	110	83	3.42	6 611
\$80,000 to \$99,999	854	31	152	128	152	140	126	62	63	4.26	3 772
\$100,000 to \$149,999	720	25	189	117	79	79	107	59	65	3.87	2 824
\$150,000 or more	422	4	70	32	49	65	72	39	91	5.36	2 391
Median	\$63 800	\$49 400	\$57 500	\$62 600	\$63 100	\$68 200	\$83 600	\$69 700	\$94 100	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	8 815	1 194	2 705	1 295	1 215	950	631	413	412	2.89	30 491
Median income	\$19 194	\$8 041	\$15 804	\$20 817	\$23 548	\$25 902	\$26 157	\$25 625	\$29 803	...	...
Median selected monthly owner costs as percentage of household income	15.0	17.4	11.8	14.6	16.0	17.7	15.7	16.0	17.8	...	...
With a mortgage	19.1	31.6	19.9	19.6	19.5	18.6	17.0	18.8	18.7	...	...
Not mortgaged	10—	14.9	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	584	186	145	49	78	62	32	14	18	2.23	...
Median income	\$3 672	\$2 743	\$3 483	\$3 798	\$4 671	\$4 302	\$5 417	\$7 188	\$10 833	...	...
Median selected monthly owner costs as percentage of household income	50.0	50+	42.9	50.0	47.1	50+	50+	50+	28.3	...	...
With a mortgage	50+	50+	50+	50+	47.1	50+	50+	50+	28.3	...	...
Not mortgaged	40.3	48.3	36.1	24.0	—	27.5	—	—	—	...	...
Renter-occupied housing units	11 268	1 363	2 898	2 561	1 967	863	1 414	133	69	3.04	37 197
Nonrelatives present	3 902	—	497	633	978	497	1 227	42	28	4.34	17 441
ROOMS											
1 room	195	112	71	—	5	—	7	—	—	1.37	335
2 rooms	698	203	297	124	64	10	—	—	—	1.99	1 517
3 rooms	2 550	498	1 109	572	230	79	55	7	—	2.20	6 157
4 rooms	4 361	361	1 067	1 324	937	269	387	16	—	3.07	13 985
5 rooms	2 360	138	248	376	452	360	733	26	27	4.42	10 132
6 rooms	643	35	64	89	195	74	145	31	10	4.18	2 871
7 or more rooms	461	16	42	76	84	71	87	53	32	4.68	2 200
Median	4.0	3.2	3.5	3.9	4.2	4.7	4.9	6.1	6.3	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	11 014	1 293	2 835	2 496	1 951	838	1 405	127	69	3.05	36 585
1.00 or less	8 862	1 293	2 764	2 380	1 652	484	223	53	13	2.62	24 873
1.01 to 1.50	1 817	—	—	116	230	265	1 120	57	29	5.77	10 079
1.51 or more	335	—	71	—	69	89	62	17	27	4.81	1 633
Lacking complete plumbing for exclusive use	254	70	63	65	16	25	9	6	—	2.40	612
1.00 or less	236	70	63	57	16	21	9	—	—	2.26	520
1.01 to 1.50	12	—	—	8	—	4	—	—	—	3.25	46
1.51 or more	6	—	—	—	—	—	—	6	—	7.00	46
UNITS IN STRUCTURE											
1, detached or attached	1 997	255	496	479	295	184	195	66	27	3.02	6 641
2	1 900	162	500	588	382	155	54	32	27	2.99	5 899
3 and 4	1 349	224	528	291	142	73	74	12	5	2.35	3 749
5 to 9	1 229	168	417	303	193	45	86	11	6	2.60	3 656
10 to 49	3 336	303	642	690	735	290	672	—	4	3.54	12 111
50 or more	1 229	232	229	158	192	103	315	—	—	3.47	4 384
Mobile home or trailer, etc.	228	19	86	52	28	13	18	12	—	2.67	757
GROSS RENT											
Specified renter-occupied housing units	11 220	1 356	2 898	2 561	1 961	856	1 393	126	69	3.03	36 951
Less than \$100	1 642	195	175	214	336	185	522	15	—	4.21	6 754
\$100 to \$149	1 514	228	651	296	218	62	49	10	—	2.31	4 024
\$150 to \$199	3 025	459	1 211	842	359	99	39	5	—	2.37	7 931
\$200 to \$249	1 968	272	562	677	331	61	24	23	18	2.72	5 273
\$250 to \$299	656	45	133	209	188	60	21	—	—	3.22	2 026
\$300 to \$349	570	32	71	109	231	82	25	12	8	3.82	2 028
\$350 to \$399	451	11	20	75	99	102	108	26	10	4.70	1 880
\$400 to \$499	828	—	28	35	137	145	468	11	4	5.65	4 733
\$500 or more	286	—	5	31	34	49	121	18	18	5.62	1 653
No cash rent	280	104	42	73	28	11	16	—	6	2.36	634
Median	\$184	\$173	\$169	\$189	\$208	\$267	\$354	\$317	\$352	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	11 268	1 363	2 898	2 561	1 967	863	1 414	133	69	3.04	37 197
Median income	\$10 012	\$5 556	\$8 531	\$9 012	\$11 534	\$12 813	\$16 432	\$20 368	\$17 250	...	...
Median gross rent as percentage of household income	24.6	32.3	24.8	24.8	22.6	25.6	18.7	21.8	23.5	...	...
Income in 1979 below poverty level	4 166	446	652	808	807	496	896	51	10	3.72	...
Median income	\$6 277	\$2500—	\$3 662	\$4 838	\$7 112	\$9 298	\$14 553	\$8 047	\$9 167	...	...
Median gross rent as percentage of household income	38.5	50+	49.4	46.6	33.8	31.7	25.2	19.8	37.5	...	...

Table C-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Provo city	Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		
	Total		Total		Total		Total		Total		Total		Total		Total		Total		Total		
Owner-occupied housing units -----	8 815	440	1 336	1 125	2 593	1 434	31	97	28	84	150	44	150	149	383	771	51.5				
PERSONS IN UNIT																					
1 person -----	1 194	158	158	48	843	1 189	6	78	18	57	130	13	44	24	182	642	70.5				
2 persons -----	2 705	187	211	63	489	1 871	7	13	6	22	12	18	28	27	75	108	64.5				
3 persons -----	1 295	51	139	38	480	48	1	1	1	5	8	7	37	35	52	8	49.7				
4 persons -----	1 215	40	363	159	480	48	1	1	1	1	1	1	32	11	47	6	42.6				
5 persons -----	950	4	359	240	262	10	1	1	1	1	1	1	9	19	14	7	37.4				
6 or more persons -----	1 456	4	245	615	519	10	7	1	1	1	1	6	9	19	14	7	37.4				
Median -----	2 89	2 83	4 32	5 75	3 43	2 10	3 73	1 12	1 28	1 24	1 08	2 00	2 58	3 17	1 63	1 10	41.7				
Total persons -----	30 491	1 316	5 878	6 685	10 088	3 095	106	129	75	119	139	130	377	499	869	976	...				
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----	8 794	416	1 332	1 125	2 593	1 430	31	97	28	84	150	44	141	149	383	771	51.5				
1.01 or more persons per room -----	340	6	101	138	77	5	1	1	1	1	1	1	9	3	1	1	37.9				
Lacking complete plumbing for exclusive use -----	21	4	4	1	1	4	1	1	1	1	1	1	1	1	1	1	28.6				
1.01 or more persons per room -----	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...				
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units -----	6 804	172	1 040	961	2 241	1 087	11	48	17	59	114	25	100	109	251	569	51.8				
With a mortgage -----	4 106	144	970	916	1 424	219	11	32	17	4	8	17	88	89	123	48	42.2				
Less than 15 percent -----	1 355	20	92	298	821	62	1	6	4	1	1	1	15	6	43	3	42.7				
15 to 19 percent -----	827	6	164	262	249	64	1	1	1	1	1	1	16	5	5	11	37.8				
20 to 24 percent -----	423	7	150	88	112	25	4	4	5	1	1	1	1	1	1	6	34.3				
25 to 29 percent -----	378	8	178	83	46	32	1	1	1	1	1	1	1	1	1	14	36.1				
30 to 34 percent -----	293	3	112	64	52	12	1	1	1	1	1	1	1	1	1	17	34.4				
35 percent or more -----	806	70	269	121	144	36	7	15	1	1	1	1	46	26	21	17	36.1				
Not computed -----	24	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	...				
Median -----	19.1	34.2	27.1	18.1	13.6	18.7	42.1	28.8	17.8	12.5	12.5	50.1	37.5	38.0	17.7	31.3	...				
Not mortgaged -----	2 698	28	70	45	817	868	16	16	1	1	1	8	12	20	128	66.5	51.8				
Less than 10 percent -----	1 551	22	46	33	683	472	1	1	1	1	1	1	6	6	64	134	42.2				
10 to 14 percent -----	467	1	11	7	57	223	1	1	1	1	1	1	1	1	1	1	48.5				
15 to 19 percent -----	237	1	7	6	30	78	1	1	1	1	1	1	1	1	1	1	42.7				
20 to 24 percent -----	161	1	6	6	17	37	1	1	1	1	1	1	1	1	1	1	37.8				
25 to 29 percent -----	97	1	1	1	8	31	1	1	1	1	1	1	1	1	1	1	34.3				
30 to 34 percent -----	47	1	1	1	22	13	1	1	1	1	1	1	1	1	1	1	36.1				
35 percent or more -----	110	6	1	1	1	8	1	1	1	1	1	1	1	1	1	1	34.4				
Not computed -----	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	...				
Median -----	10	10	10	10	10	10	10	10	10	12.3	12.0	17.5	12.0	10	10	15.1	...				
Renter-occupied housing units -----	11 268	2 481	2 317	226	155	113	1 344	657	127	67	103	2 153	731	177	241	376	24.7				
PERSONS IN UNIT																					
1 person -----	1 363	1 349	527	32	38	99	173	168	53	52	95	143	195	40	150	334	38.0				
2 persons -----	2 898	872	822	25	48	14	270	112	41	6	8	239	148	33	41	34	24.0				
3 persons -----	2 561	210	531	41	88	175	270	118	13	9	1	288	128	77	33	17	24.9				
4 persons -----	1 967	4	265	27	25	48	146	30	1	1	1	459	130	23	17	1	25.0				
5 persons -----	863	4	172	101	36	1	440	7	1	1	1	304	72	4	1	1	24.8				
6 or more persons -----	1 616	2 81	3 27	5 06	4 16	2 07	4 11	2 91	1 76	1 14	1 04	4 39	2 68	4	1 30	1 06	23.0				
Median -----	3 04	2 81	3 27	5 06	4 16	2 07	4 11	2 91	1 76	1 14	1 04	4 39	2 68	4	1 30	1 06	...				
Total persons -----	37 197	6 355	8 103	1 140	698	220	5 336	1 967	250	83	89	9 578	2 118	441	366	453	...				
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use -----	11 014	2 482	2 293	226	149	113	1 314	643	119	61	97	2 092	708	177	227	353	24.7				
1.01 or more persons per room -----	2 152	1 54	404	76	14	5	551	69	7	6	6	779	106	6	14	23	23.3				
Lacking complete plumbing for exclusive use -----	254	19	24	1	6	1	30	14	8	1	1	61	23	1	1	1	24.9				
1.01 or more persons per room -----	18	1	1	1	1	1	1	1	1	1	1	12	1	1	1	1	23.1				
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units -----	11 220	2 481	2 310	202	155	113	1 344	657	127	67	103	2 147	731	173	241	369	24.7				
Less than 15 percent -----	2 561	215	340	22	58	7	483	267	66	13	7	820	124	13	47	29	23.9				
15 to 19 percent -----	1 406	427	299	56	22	1	176	148	4	1	13	131	43	35	18	34	24.8				
20 to 24 percent -----	573	434	392	57	19	1	139	64	17	16	3	181	121	33	40	12	25.1				
25 to 29 percent -----	1 999	317	318	5	9	8	139	45	10	1	4	145	88	7	25	47	24.6				
30 to 34 percent -----	1 557	211	234	11	15	1	166	12	9	1	14	206	55	6	6	44	24.7				
35 to 49 percent -----	1 586	401	387	20	6	32	170	49	21	20	19	324	78	22	33	79	24.3				
50 percent or more -----	1 568	285	254	20	6	27	170	62	21	18	22	305	194	63	41	84	25.6				
Not computed -----	370	81	86	9	6	13	0	10	1	1	21	35	28	1	31	40	28.2				
Median -----	24.6	24.0	26.3	21.6	18.8	36.7	20.3	16.9	14.6	36.1	35.0	22.9	28.6	28.9	25.0	34.8	...				

Table C-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Provo city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 194	289	6	78	18	57	130	905	13	44	24	182	642
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 194	289	6	78	18	57	130	905	13	44	24	182	642
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	893	190	—	35	13	37	105	703	7	22	19	138	517
2 or more	227	69	—	38	—	10	21	158	6	12	5	22	113
Mobile home or trailer, etc.	74	30	6	5	5	10	4	44	—	10	—	22	12
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	359	37	—	—	—	11	26	322	6	5	—	38	273
\$5,000 to \$9,999	408	86	6	24	—	12	44	322	—	10	5	51	256
\$10,000 to \$12,499	126	58	—	19	5	5	29	68	7	3	7	16	35
\$12,500 to \$14,999	53	—	—	—	—	—	—	48	—	9	—	15	24
\$15,000 to \$19,999	150	67	—	23	8	5	31	83	—	17	7	31	28
\$20,000 to \$24,999	54	20	—	5	5	10	—	34	—	—	—	21	13
\$25,000 to \$34,999	30	13	—	4	—	9	—	17	—	—	5	5	7
\$35,000 to \$49,999	11	3	—	—	—	—	—	11	—	—	—	5	6
\$50,000 or more	3	—	—	3	—	—	—	—	—	—	—	—	—
Median	\$8 041	\$10 927	\$8 750	\$11 974	\$16 250	\$12 750	\$9 432	\$7 235	\$10 179	\$13 611	\$15 000	\$10 313	\$6 081
Mean	\$9 755	\$12 691	\$9 005	\$15 941	\$15 978	\$13 951	\$9 903	\$8 618	\$6 617	\$12 458	\$16 111	\$11 798	\$7 495
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	791	185	—	35	13	37	100	606	7	11	19	105	464
With a mortgage	143	32	—	19	13	—	—	111	7	5	19	41	39
Less than \$200	37	—	—	—	—	—	—	37	—	5	5	8	19
\$200 to \$249	31	15	—	7	8	—	—	16	—	—	—	12	4
\$250 to \$299	13	—	—	—	—	—	—	13	—	—	—	8	5
\$300 to \$349	7	—	—	—	—	—	—	7	—	—	7	—	—
\$350 to \$399	14	—	—	—	—	—	—	14	—	—	—	8	6
\$400 to \$499	16	9	—	4	5	—	—	7	—	—	7	—	—
\$500 to \$599	10	—	—	—	—	—	—	10	—	—	—	5	5
\$600 to \$749	8	8	—	8	—	—	—	—	7	—	—	—	—
\$750 or more	7	—	—	—	—	—	—	7	—	—	—	—	—
Median	\$263	\$413	—	\$431	\$241	—	—	\$260	\$750+	\$175	\$332	\$253	\$206
Not mortgaged	648	153	—	16	—	37	100	495	—	6	—	64	425
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	199	79	—	16	—	19	44	120	—	—	—	6	114
\$75 to \$99	215	34	—	—	—	—	34	181	—	6	—	36	139
\$100 to \$124	127	18	—	—	—	14	4	109	—	—	—	13	96
\$125 to \$149	87	22	—	—	—	4	18	65	—	—	—	9	56
\$150 to \$199	15	—	—	—	—	—	—	15	—	—	—	—	15
\$200 to \$249	—	—	—	—	—	—	—	—	—	—	—	—	—
\$250 or more	5	—	—	—	—	—	—	5	—	—	—	—	5
Median	\$90	\$74	—	\$63	—	\$74	\$79	\$93	—	\$88	—	\$93	\$93
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	17.4	14.2	—	26.9	19.1	12.8	12.7	18.0	50+	17.5	31.6	13.8	17.8
With a mortgage	31.6	29.4	—	38.9	19.1	—	—	31.9	50+	—	31.6	19.1	37.0
Not mortgaged	14.9	11.3	—	10—	—	12.8	12.7	16.1	—	17.5	—	10—	16.7
Income in 1979 below poverty level	186	23	—	—	—	11	12	163	6	5	—	31	121
Percent below poverty level	15.6	8.0	—	—	—	19.3	9.2	18.0	46.2	11.4	—	17.0	18.8
Renter-occupied housing units	1 363	501	133	168	53	52	95	862	143	195	40	150	334
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 293	482	133	161	53	46	89	811	137	187	40	136	311
Lacking complete plumbing for exclusive use	70	19	—	7	—	6	6	51	6	8	—	14	23
UNITS IN STRUCTURE													
1, detached or attached	255	85	19	40	9	—	17	170	21	13	7	43	86
2	162	60	22	21	—	—	17	102	13	30	—	17	42
3 and 4	224	91	12	30	17	13	19	133	12	59	5	23	34
5 to 9	168	51	14	11	6	20	—	117	18	34	8	19	38
10 to 49	303	132	54	40	11	6	21	171	46	23	14	33	55
50 or more	232	63	—	26	10	13	14	169	33	36	6	15	79
Mobile home or trailer, etc.	19	19	12	—	—	—	7	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	631	212	62	52	16	19	63	419	73	66	13	44	223
\$5,000 to \$9,999	433	116	23	54	5	13	21	317	55	92	6	59	105
\$10,000 to \$12,499	114	37	15	6	10	6	—	77	10	26	14	21	6
\$12,500 to \$14,999	55	44	25	12	—	7	—	11	—	11	—	—	—
\$15,000 to \$19,999	92	54	8	19	16	7	4	38	5	—	7	26	—
\$20,000 to \$24,999	24	24	—	18	6	—	—	—	—	—	—	—	—
\$25,000 to \$34,999	7	7	—	7	—	—	—	—	—	—	—	—	—
\$35,000 to \$49,999	7	7	—	—	—	—	7	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$5 556	\$6 437	\$5 938	\$7 424	\$11 375	\$6 346	\$4 209	\$5 187	\$4 901	\$6 875	\$10 179	\$8 250	\$3 978
Mean	\$6 956	\$8 800	\$7 162	\$10 358	\$11 797	\$8 138	\$7 027	\$5 884	\$5 138	\$6 549	\$9 114	\$8 415	\$4 291
GROSS RENT													
Specified renter-occupied housing units	1 356	501	133	168	53	52	95	855	143	195	40	150	327
Less than \$100	195	71	12	27	6	6	20	124	13	26	—	6	79
\$100 to \$149	228	105	22	16	17	20	30	123	20	27	8	18	50
\$150 to \$199	459	152	58	56	11	13	14	307	69	100	13	40	85
\$200 to \$249	272	106	29	31	19	13	14	166	31	18	12	32	73
\$250 to \$299	45	15	7	8	—	—	—	30	—	—	7	23	—
\$300 to \$349	32	14	—	14	—	—	—	18	10	8	—	—	—
\$350 to \$399	11	10	—	6	—	—	4	1	—	1	—	—	—
\$400 to \$499	—	—	—	—	—	—	—	—	—	—	—	—	—
\$500 or more	10	—	—	—	—	—	—	10	—	10	—	—	—
No cash rent	104	28	5	10	—	—	13	76	—	5	—	31	40
Median	\$173	\$169	\$176	\$181	\$167	\$150	\$128	\$174	\$177	\$168	\$199	\$188	\$168
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	32.3	30.8	32.8	28.0	24.5	36.5	35.0	32.8	34.4	24.9	23.2	26.8	37.7
Income in 1979 below poverty level	446	131	50	18	16	12	35	315	66	43	8	40	158
Percent below poverty level	32.7	26.1	37.6	10.7	30.2	23.1	36.8	36.5	46.2	22.1	20.0	26.7	47.3

Table C—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Provo city	Total	Less than 2 months	2 up to 6 months	6 or more months	Provo city	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	325	80	197	48	Vacant for rent housing units	565	454	94	17
ROOMS					ROOMS				
1 to 3 rooms	11	5	6	—	1 room	16	16	—	—
4 rooms	120	23	88	9	2 rooms	35	35	—	—
5 rooms	65	16	30	19	3 rooms	138	110	19	9
6 rooms	45	14	24	7	4 rooms	256	206	50	—
7 rooms	12	5	7	—	5 rooms	95	62	25	8
8 or more rooms	72	17	42	13	6 rooms	21	21	—	—
Median	5.0	5.3	4.6	5.3	7 or more rooms	4	4	—	—
					Median	3.9	3.8	4.1	3.4
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	325	80	197	48	Complete plumbing for exclusive use	559	448	94	17
Locking complete plumbing for exclusive use	—	—	—	—	Locking complete plumbing for exclusive use	6	6	—	—
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	16	16	—	—
1	19	5	6	8	1	124	105	10	9
2	153	35	109	9	2	310	246	64	—
3	88	19	45	24	3	110	82	20	8
4	38	8	30	7	4	5	5	—	—
5 or more	27	13	7	—	5 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	239	56	160	23	1975 to March 1980	152	141	11	—
1970 to 1974	16	16	—	—	1970 to 1974	53	48	5	—
1960 to 1969	20	—	20	—	1960 to 1969	117	68	36	13
1950 to 1959	28	4	6	18	1950 to 1959	77	59	14	4
1940 to 1949	7	—	—	7	1940 to 1949	130	102	28	—
1939 or earlier	15	4	11	—	1939 or earlier	36	36	—	—
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	183	44	100	39	1, detached or attached	161	138	15	8
2 or more	128	26	93	9	2	82	59	19	4
Mobile home or trailer	14	10	4	—	3 and 4	97	84	13	—
HEATING EQUIPMENT					5 to 9	60	55	—	5
Central heating system	320	75	197	48	10 to 49	126	79	47	—
Other means	5	5	—	—	50 or more	33	33	—	—
None	—	—	—	—	Mobile home or trailer	6	6	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	183	44	100	39	Specified vacant for rent housing units	565	454	94	17
Less than \$10,000	—	—	—	—	Less than \$100	11	6	5	—
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	115	87	19	9
\$20,000 to \$29,999	7	—	—	7	\$150 to \$199	214	165	49	—
\$30,000 to \$39,999	—	—	—	—	\$200 to \$249	88	82	6	—
\$40,000 to \$49,999	33	8	14	11	\$250 to \$299	55	55	—	—
\$50,000 to \$59,999	40	16	16	8	\$300 to \$399	67	59	—	8
\$60,000 to \$79,999	39	4	35	6	\$400 or more	15	—	15	—
\$80,000 to \$99,999	12	—	6	—	Median	181	183	170	139
\$100,000 or more	52	16	29	7					
Median	\$69 400	\$58 800	\$74 400	\$50 900					

Table C—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Provo city	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	183	—	7	33	91	52	69 400	565	11	329	143	67	15	181
PLUMBING FACILITIES														
Complete plumbing for exclusive use	183	—	7	33	91	52	69 400	559	5	329	143	67	15	182
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	6	6	—	—	—	—	50
BEDROOMS														
None	—	—	—	—	—	—	—	16	—	16	—	—	—	129
1	8	—	—	—	8	—	52 500	124	11	76	37	—	—	180
2	42	—	—	18	24	—	51 900	310	—	203	71	36	—	175
3	88	—	7	15	55	11	70 600	110	—	29	35	31	15	289
4	23	—	—	—	—	23	124 000	5	—	5	—	—	—	155
5 or more	22	—	—	—	4	18	137 500	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1975 to March 1980	141	—	—	16	81	44	70 900	152	—	59	47	46	—	260
1970 to 1974	8	—	—	—	4	4	137 500	53	—	32	21	—	—	187
1960 to 1969	4	—	—	—	—	4	137 500	117	—	54	40	8	15	207
1950 to 1959	13	—	—	7	6	—	44 600	77	6	71	—	—	—	133
1940 to 1949	7	—	7	—	—	—	26 300	130	5	90	35	—	—	157
1939 or earlier	10	—	—	10	—	—	44 200	36	—	23	—	13	—	175
UNITS IN STRUCTURE														
1, detached or attached	183	—	7	33	91	52	69 400	161	5	97	33	26	—	171
2 or more	—	—	—	—	—	—	—	398	6	226	110	41	15	185
Mobile home or trailer	—	—	—	—	—	—	—	6	—	6	—	—	—	155

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin

The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage

The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979

—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish
Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the un-weighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin
of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16 Same value categories as groups 1 to 8

Black Race

17-32 Same value—Spanish origin categories as groups 1 to 16

33-48 *Asian, Pacific Islander Race*
Same value—Spanish origin categories as groups 1 to 16

American Indian, Eskimo, or Aleut Race

49-64 Same value—Spanish origin categories as groups 1 to 16

Other Race (includes those races not listed above)

65-80 Same value—Spanish origin categories as groups 1 to 16

Renter

White Race

Persons of Spanish Origin
Rent Categories

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

American Indian, Eskimo, or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. **Standard Error Adjustment Factors**

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.8	0.5
Vacant price asked and vacant rent asked..	1.1	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.1	1.0	0.6
Stories in structure.....	0.9	0.8	0.5
Passenger elevator.....	0.9	0.8	0.5
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.8	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.2	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.0	0.8	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.0	0.9	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.0	0.9	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----
PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's
Orem city -----
Provo city -----

Housing units	
100-percent count	Percent in sample
62 337	17.7
14 826	16.0
21 284	15.7

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20.** This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer Yes only if the telephone is located in your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a **naturalized citizen** circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

(1) The circle **Very well** should be filled for persons who have no difficulty speaking English.

(2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.

(3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.

(4) The circle **Not at all** should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.
- If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.
- If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.
- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U. S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a
people if our Nation is to meet successfully the many national
and local challenges we face. This is the purpose of the 1980
census.

The essential need for a population census was recognized
almost 200 years ago when our Constitution was written. As
provided by article I, the first census was conducted in 1790
and one has been taken every 10 years since then.

The law under which the census is taken protects the
confidentiality of your answers. For the next 72 years — or
until April 1, 2052 — only sworn census workers have access
to the individual records, and no one else may see them.

Your answers, when combined with the answers from other
people, will provide the statistical figures needed by public
and private groups, schools, business and industry, and
Federal, State, and local governments across the country.
These figures will help all sectors of American society
understand how our population and housing are changing. In
this way, we can deal more effectively with today's problems
and work toward a better future for all of us.

The census is a vitally important national activity. Please do
your part by filling out this census form accurately and
completely. If you mail it back promptly in the enclosed
postage-paid envelope, it will save the expense and
inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

Make sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope, no stamp is needed.

Please start by answering Question 1 below

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slightly textured appearance and is set against a dark background.

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please:

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	Middle initial	Last name	Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.		<input type="radio"/> Male <input checked="" type="radio"/> Female		<input type="radio"/> Male <input checked="" type="radio"/> Female	
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: _____ b. Month of birth: _____ <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth: 1 8 0 0 9 1 2		a. Age at last birthday: _____ b. Month of birth: _____ <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec. c. Year of birth: 1 8 0 0 9 1 2	
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="radio"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	

PERSON in column 7	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male <input type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 0
b. Month of birth	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten <input type="radio"/> Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
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If you listed more than 7 persons in Question 1, please see note on page 20.

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home? <input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No	H9. Is this apartment (house) part of a condominium? <input type="radio"/> No <input type="radio"/> Yes, a condominium				
H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital? <input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No	H10. If this is a one-family house — a. Is the house on a property of 10 or more acres? <input type="radio"/> Yes <input type="radio"/> No b. Is any part of the property used as a commercial establishment or medical office? <input type="radio"/> Yes <input type="radio"/> No				
H3. Is anyone visiting here who is not already listed? <input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No	H11. If you live in a one-family house or a condominium unit which you own or are buying — What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale? Do not answer this question if this is — <input type="radio"/> A mobile home or trailer <input type="radio"/> A house on 10 or more acres <input type="radio"/> A house with a commercial establishment or medical office on the property <input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999 <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999 <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999 <input type="radio"/> \$22,500 to \$24,999 <input type="radio"/> \$75,000 to \$79,999 <input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999 <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999 <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999 <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999 <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more				
H4. How many living quarters, occupied and vacant, are at this address? <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer					
H5. Do you enter your living quarters — <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?					
H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower? <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters					
H7. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms. <input type="radio"/> 1 room <input type="radio"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms					
H8. Are your living quarters — <input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?					
H12. If you pay rent for your living quarters — What is the monthly rent? If rent is not paid by the month, see the instruction guide on how to figure a monthly rent. <input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224 <input type="radio"/> \$90 to \$99 <input type="radio"/> \$225 to \$249 <input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274 <input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299 <input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349 <input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399 <input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499 <input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more					
FOR CENSUS USE ONLY					
A4. Block number 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9	A6. Serial number 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9	B. Type of unit or quarters Occupied <input type="radio"/> First form <input type="radio"/> Continuation Vacant <input type="radio"/> Regular <input type="radio"/> Usual home elsewhere Group quarters <input type="radio"/> First form <input type="radio"/> Continuation	For vacant units C1. Is this unit for — <input type="radio"/> Year round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D. C2. Vacancy status <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant C3. Is this unit boarded up? <input type="radio"/> Yes <input type="radio"/> No	D. Months vacant <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years E. Indicators 1. <input type="radio"/> Mail return 2. <input type="radio"/> Pop./F	F. Total persons 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9

Please answer H30-H32 if you live in a one-family house which you own or are buying, unless this is --

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment
or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
☐ Yes, contract to purchase
☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment ☒
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

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<div> <div>1</div> <div>2.</div> <div>4.</div> </div> <div> <div>S.S.</div> <div>Yes</div> <div>No</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>	<div> <div>2.</div> <div>4.</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>	<div> <div>2.</div> <div>4.</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>	<div> <div>3</div> <div>2.</div> <div>4.</div> </div> <div> <div>S.S.</div> <div>Yes</div> <div>No</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>	<div> <div>3</div> <div>2.</div> <div>4.</div> </div> <div> <div>S.S.</div> <div>Yes</div> <div>No</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>	<div> <div>3</div> <div>2.</div> <div>4.</div> </div> <div> <div>S.S.</div> <div>Yes</div> <div>No</div> </div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> </div>
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PERSON 1 ON PAGE 2

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<p>c. When going to work last week, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>_____ Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>_____ Hours</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes <input type="radio"/> No — <i>Skip to 27</i></p>	<p>22b.</p> <p>I <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/></p>	<p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>_____ Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a. 32b.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>b. Could this person have taken a job last week?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input type="radio"/> Yes, could have taken a job</p> <p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier</p> <p><input type="radio"/> Never worked } <i>Skip to 31d</i></p>	<p>28.</p> <p>A B C</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>D E F</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>G H J</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>K L M</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32c. 32d.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input type="radio"/> Retail trade</p> <p>Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p>	<p>29.</p> <p>N P Q</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>R S T</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>U V W</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>X Y Z</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input type="radio"/> Yes — \$ _____ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p> <p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions . . . <input type="radio"/></p> <p>Federal government employee . . . <input type="radio"/></p> <p>State government employee . . . <input type="radio"/></p> <p>Local government employee (city, county, etc.) . . . <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated . . . <input type="radio"/></p> <p>Own business incorporated . . . <input type="radio"/></p> <p>Working without pay in family business or farm . . . <input type="radio"/></p>	<p>31.</p> <p>N P Q</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>R S T</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>U V W</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>X Y Z</p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>	<p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$ _____ .00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR <input type="radio"/> None</p>	<p>32g. 33.</p> <p><input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>I <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>II <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>III <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>IV <input type="radio"/> <input type="radio"/> <input type="radio"/></p> <p>O <input type="radio"/> <input type="radio"/> <input type="radio"/></p>

➔ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

GENERAL	F-1	PUBLICATIONS—Con.	
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Reports	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports	F-4
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teristics for Governmental		PHC80-E, Evaluation and	
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politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports. .	F-4
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Estimates of Social, Eco-		Occupations	F-4
nomical, and Housing		PHC80-R4, Classified	
Characteristics.	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics. .	F-2	Identification Code	
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PC80-1, Volume 1, Charac-		COMPUTER TAPES	F-4
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Detailed Population		Master Area Reference Files	
Characteristics.	F-3	1 and 2 (MARF)	F-5
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teristics of Housing Units . .	F-3	MAPS	F-5
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HC80-2, Volume 2, Metro-			
politan Housing			
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HC80-4, Volume 4, Compo-			
nents of Inventory Change. .	F-3		

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—

These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

Appendix F.—Publication and Computer Tape Program

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

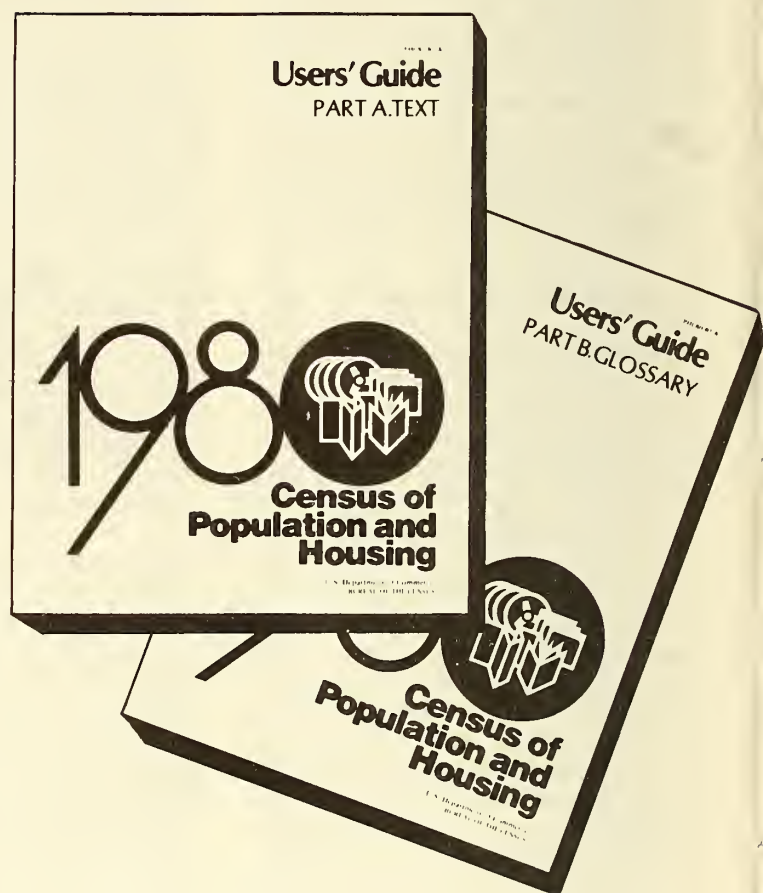
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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